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Personnel Procurement

RMS USER MANUAL

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SUMMARY of CHANGE

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Not applicable.

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o

Personnel Procurement

RMS USER MANUAL

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History. This publication has been reorganized to make it compatible with the Army electronic publishing database. No content has been changed.

Summary. The purpose of the RE-QUEST Mobilization System (RMS) user

manual is to provide non-ADP users with the information necessary to effectively and efficiently use the system.

Applicability. This pamphlet applies to the Active Army and the Army Reserve. Specifically, this pamphlet applies to functional personnel users and provides the information necessary to effectively and efficiently use RMS.

Proponent and exception authority. The proponent agency of this pamphlet is the US Army Military Personnel Center.

Impact on New Manning System. This pamphlet does not contain information that affects the New Manning System.

Interim changes. Interim changes are not official unless they are authenticated by the Adjutant General. Users will

destroy interim changes on their expiration dates unless sooner superseded or rescinded.

Suggested Improvements. Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to HQDA (DAPC-EPT-R) Alexandria, VA 2233-

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Chapter 1

GENERAL INFORMATION

1-1. Purpose of the user manual.

The purpose of the REQUEST Mobilization System (RMS) user manual is to provide non-ADP users with the information necessary to effectively and efficiently use the system.

1-2. Applicability.

This pamphlet applies to the Active Army and the Army Reserve. Specifically, this pamphlet applies to functional personnel users and provides the information necessary to effectively and efficiently use RMS.

1-3. Project references.

a. RMS is an on-line management information system which is designed to process individuals entering the Army during a period of emergency mobilization. RMS is a subsystem of the Recruit Quota System (REQUEST), a management information system that provides the Army with an orderly and efficient mechanism for allocating training resources to new accessions. Inductees volunteers and Delayed Entry Program (DEP) personnel can be assigned to training classes and moss in a rapid and efficient manner via RMS. RMS programs are written in FORTRAN utilizing interactive programming techniques.

b. The project sponsor for the development and maintenance of RMS is the REQUEST Office, US Army Military Personnel Center (MILPERCEN). The operating centers that use the RMS programs are:

- (1) Office of the Deputy Chief of Staff for Personnel (ODCSPER).
- (2) MILPERCEN.
- (3) US Army Reception Stations (RECSTA).
- (4) US Army Guidance Counselors and District Recruiting Command (GC-DRC).
- (5) Training and Doctrine Command.

c. The following list contains selected documents and regulations that provide information, impact on, or control REQUEST usage.

- (1) DoD Standard 7935, Automated Data Systems Documentation Standards.
- (2) AR 340-17, Freedom of Information Act.
- (3) AR 340-21, The Army Privacy Program.
- (4) AR 380-380, Automated Systems Security.
- (5) AR 601-210, Regular Army Enlistment Program.
- (6) USAREC Regulation 601-61, Recruit Quota System.

1-4. Terms and abbreviations.

The following definitions are provided for the user's convenience.

a. *User*. A person who is granted permission to use RMS and who possesses the information to use the system correctly.

b. *User identification number*. An account number assigned to users for controlling and monitoring system usage.

c. *System password*. A series of characters which allows the user access to the RMS computer.

d. *Location ID*. A series of characters which identifies a specific recruit file storage location.

e. *Data item*. A single piece of information that is used by RMS and for which there are specific format and value requirements.

f. *Input*. The data often in the form of data items, which are entered into RMS by the user.

g. *Output*. The data, reports, and listings which are produced by RMS.

1-5. Security and privacy.

a. *Classified components*. RMS is classified Highly Sensitive according to the provisions of AR 380-380. The classified components of RMS include all data files, the entire data base and all computer programs. At a minimum, all systems of record will be safeguarded in accordance with the access, storage, handling, transmission, and destruction provisions of AR 340-16. The system initiation procedures including all user passwords, identification numbers, telephone access numbers, and location ID are also highly sensitive. Additionally, all input to and output from the system that contains personal information such as names, social security numbers, aptitude test, scores, and any other personal data are governed by the provisions of the Privacy Act of 1974.

b. *Security procedures references*. The following publications contain specific security measures and procedures.

- (1) Privacy Act of 1974.
- (2) AR 340-16, Safeguarding "For Official Use Only" Information.
- (3) AR 340-17, Freedom of Information Act.
- (4) AR 340-21, The Army Privacy Program.

- (5) AR 380–380, Automated Systems Security.
- (6) USAREC Reg 601–61, Recruit Quota System.

c. General security provisions. This subparagraph summarizes some of the security considerations contained in the above references. A large amount of the information that is contained in RMS is subject to user manipulation and retrieval, and therefore the privileged nature of this information must be recognized. The release of personal information obtained from RMS is governed by the provisions AR 340–17, AR–340–21, and the Privacy Act of 1974. Each RMS terminal is assigned a Terminal Area Security Officer (TASO) in writing by the installation/unit commander where the terminal is located. Terminal Area Security Officers are responsible for the following:

- (1) Issuing instructions specifying security requirements and operating procedures.
- (2) Ensuring that each terminal user's identity, need-to-know, level of clearance, and access authorizations are established commensurate with the data available from that terminal.
- (3) Managing the control and dissemination of user and file identification numbers and passwords for RMS terminal users.
- (4) Implementing controls to prevent entry of unauthorized transactions or data over the RMS terminals.
- (5) Ensuring local compliance with security operating procedures for that terminal site.
- (6) Tasking all possible actions to ensure overall system security.
- (7) Reporting to the REQUEST Automatic Data Processing System Security Office (ADPSSO) all practices dangerous to overall system security and all instances of security violation.

d. Minimum security requirements. The telephone access number, passwords, location ID, and all other access codes constitute restricted information that cannot be posted in the terminal area, or displayed in any way where unauthorized personnel may see them. Only authorized users may have access to these codes. Users may not exchange or transfer access codes among themselves. Any output from RMS that contains personal information must be kept in a secured place, and any output that is to be discarded must be torn and mutilated beyond recognition.

Chapter 2

SYSTEM SUMMARY

2–1. System application.

a. Purpose. RMS was developed to provide Army users with the means to assign inductees, Reserve Enlistment Program personnel (REPs), Delayed Entry Program personnel (DEPs), and volunteers to an MOS within 24 hours of their arrival at the MEPS, and to assign them to a training location.

b. Capabilities and improvements. The following list contains the major processing capabilities of the RMS subsystem:

(1) RMS classifies and assigns inductees, REPs, DEPs, and volunteers through a process known as sequential optimization, which takes into account each inductee's qualifications and attributes. These factors are then balanced against the Army's needs, and assignments are then made according to an optimal match between the Army's needs, and assignments are then made according to an optimal match between the Army's needs and the inductee's qualifications.

(2) Managers have the capability of changing the requirements for inductee records via updates to the RMS Data Dictionary. In this way, Army policy changes on the information inductees are required to submit upon entry into the Army can be facilitated by RMS.

(3) Managers have the capability of changing qualifications for MOSs. Both mandatory and desirable qualifications for MOSs can be influenced by management input via RMS.

(4) Training locations and class quotas can be reported and updated via RMS.

(5) Managers have the capability of running an RMS test mobilization exercise to simulate the actual partial or full mobilization of forces.

(6) Since Army requirements and policies undergo frequent modifications during a period of mobilization, RMS is designed so that real-time changes may be easily implemented by Army managers.

c. Additional features. Users communicate with RMS through on-line terminals that are linked to the main computer by ordinary voice grade telephone lines. Whenever a user executes a RMS program, the user in essence is carrying on a conversation with the main computer. The computer instructs the user's terminal to print messages or prompts to which the user types a response. All of the prompts are written in easily understood English phrases and sentences that do not require the user to have any prior data processing experience. All RMS programs are designed to lead the user through a series of logically progressive steps to obtain the desired information for making valid training reservations. The user may go from one program to another without interruption so that a smooth workflow is achieved from checking qualifications and locating available spaces to making a final training reservation. The basic program design allows the user considerable flexibility in re-executing programs, selecting another program, and signing off the system.

After using RMS programs for a short while, users become accustomed to these features and quickly learn to manipulate them in a convenient and efficient manner.

d. Functions. The principal functions of RMS are as follows:

(1) Allocation of training resources. RMS is used to allocate Basic Training for males and females, Basic Airborne Training, Advanced Individual Training, One Station/Unit Training, and On-the-Job Training spaces to inductees.

(2) Job matching. RMS identifies the jobs for which an applicant is best qualified by comparing the applicant's qualifications and preferences with the Army's priorities and requirements.

(3) Qualifications checking. Each applicant's qualifications are checked against the prerequisite qualifications for each type of training. RMS allows selection by the applicant for only that training for which the applicant qualifies.

(4) Management reporting. RMS reports personal applicant information as well as training program management information.

2-2. System operation.

REQUEST operates at two functional levels: field operators and management operators. Field operators are US Army Guidance Counselors and District, Recruiting Commands, and Reception Station Liaison NCOs. These operators are the primary system users who reserve training resources for initial training and capture the personal information stored on the system for each recruit. The management operators are the data base managers of MILPERCEN who maintain the quota and other training information in RMS and REQUEST.

2-3. System configuration.

RMS is an interactive system run on a time-sharing system provided by a General Services Administration contract. RMS programs are written in FORTRAN using interactive programming techniques. Data input and output are normally performed through a teletypewriter terminal. High speed line printers are used to print lengthy reports.

2-4. System organization.

RMS is a series of interactive and batch application programs designed to manage training resources during mobilization periods. To facilitate understanding of RMS, the following eight modules have been identified as composing RMS. They are the Recruit Data Entry, Assignment Policy, Training Quota, Match, Assignment Reporting, Test, Autoprocessing, and HELP modules.

1. *Recruit Data Entry module.* Personal information on inductees, volunteers and DEPs is entered onto the Inductee Holding file by Guidance Counselors at the MEPS via the BUILDREC program. Required information on individual records can be modified by Army managers via updates to the RMS Data Dictionary.

2. *Assignment policy module.* Army managers can influence assignment policies by modifying MOS qualifications on the QUAL file. By utilizing this capability, Army managers can add, change and/or delete mandatory or desirable qualifications for individual MOSs.

3. *Training Quota module.* Training locations for Basic Combat Training, Basic Training, and Advanced Individual Training can be updated by Army managers through this module of RMS. Training class, quotas for BCT, BT, AIT and Basic Airborne Training (BAT) can also be updated by Army managers.

4. *Match module.* The programs comprising the Match module facilitate the actual assignment process. Inductees, volunteers and DEPs are assigned to MOSs and training classes. When the match process is initiated, the individual's personal information is read from the Holding file and, if an assignment is made, the information is copied to the Recruit file. RMS also provides managers with the capability of cancelling assignments, in which case, the individual's record is once again put onto the Holding file.

5. *Assignment Reporting module.* The programs in this module enable Army managers to report assignment information. In this way, managers can obtain assignment information on individuals, as well as aggregated reports for specific reception stations and enlistment dates.

6. *Test module.* Army managers can establish conditions for a test mobilization exercise to simulate an actual mobilization of U.S. forces. The GPAUTO program enables managers to determine the test hours, the components and LOCIDs that will participate in the test, and the number of records to be automatically processed during the test.

7. *Autoprocessing module.* The autoprocessing module enables managers to assign individuals to training classes automatically. Individuals will be placed in AIT classes if they are eligible; otherwise, they will be assigned to BCT classes. The AUTPRO program makes these automatic assignments.

8. *Help module.* The RMSHELP program is the only program in this module. The RMSHELP program is designed to provide explanations of program functions and execution sequences. The user enters a key word in response to the program's prompt and receives the corresponding information associated with the specified key word.

2-5. Performance.

User interface with RMS is through teletypewriter terminals. A majority of RMS data entry and output can be processed through these terminals; however, RMS also supports batch processing through remote job entry terminals and produces reports for high speed line printers. Response time for interactive processing is normally within a few

seconds after data entry. Editing of entered data is performed on-line, thus permitting easy correction and preventing extensive reporting of incorrect data.

2-6. Data base.

There are 10 data files unique to the RMS subsystem. These include: the RMS, AIT Quota file, RMS Data Dictionary, RMS Recruit files for Active Army, Reserves, and National Guard, RMS LOCID, ACM, and Test file, RMS CASFIL file, RMS Package file, RMS RN DX file, RMS VPPSD file and RMS HELP file. These files are described below.

- a. *RMS AIT Quota file.* This file contains AIT locations, file reference dates, AIT dates and associated RECSTA dates, prerequisite MOS records and AIT class records.
- b. *RMS Data Dictionary file.* This file contains the Data Dictionary for the Holding/Recruit file.
- c. *RMS Recruit files.* One file contains holding information and recruit reservation records for Active Army, while the other file contains the same information for Army Reserve and National Guard.
- d. *RMS LOCID, ACM, and Test file.* This file contains data for autoprocessing RMS records and conducting a test mobilization exercise. These data include the number of records to be autoprocessed and the components and LOCIDs participating in an RMS test exercise.
- e. *RMS CASFIL file.* This file contains civilian acquired skill (CAS) quotas and reservations for all MOSs.
- f. *RMS Package file.* This file contains report records.
- g. *RMS Additional Requirements and Remarks file.* This file contains additional requirements and remarks for MOSs on the Qualifications file.
- h. *RMS RN DX file.* This file contains data that appears in reports generated by the programs comprising the Assignment Reporting module.
- i. *RMS VPPSSD file.* This file contains the VEAP and PSSD files, which are used for Veterans Educational Assistance Program (VEAP) and Personal Security Screening Data (PSSD) processing.
- j. *RMS HELP file.* This file contains explanations of program functions, execution sequences and other information to provide assistance to users in running RMS programs.

In addition to these files, RMS shares five files with the REQUEST System. These include: the BCT file, which contains Basic Combat Training information; BAT file, which contains Basic Airborne Training information; REQUEST Additional Requirements and Remarks file; REQUEST RN DX file and REQUEST Data Dictionary file.

2-7. General description of inputs, processing and outputs.

- a. The Match module is the core of RMS. To complete the reservation process, the Guidance Counselor enters the applicant's personal data into a Holding file. Desired training courses are then searched. RMS verifies the applicant's qualifications, and if sufficient quotas are available, permits reservation of the desired training space. Once the reservation is made, the personal data stored on the temporary Holding file is copied to the Recruit file along with reservation information. A series of management reports may then be generated.
- b. If an applicant's reservation must be cancelled, the Guidance Counselor enters the individual's social security number. The individual's record is then copied to the Holding Recruit file. The individual can then be reassigned to a training class at a later date. This capability is to be used only in emergency cases.

Chapter 3 BTLOC PROGRAM

Section I PROGRAM SUMMARY

3-1. Purpose.

The BTLOC program reports and updates male and female Basic Training (BT) locations on the BT file. The program also reports and updates the reception stations and location IDs corresponding to each BT location.

3-2. Applicability.

The BTLOC program is accessed by the following user groups:

- a. KEYSTONE Branch.
- b. Accessions Management Branch.
- c. TRADOC.

3-3. Functions.

BTLOC has four functions. These include Report, Add, Change and Delete.

- a. Report mode allows users to generate a report of male and female BT locations and corresponding reception stations and location IDs.
- b. Add mode enables users to enter a new BT location and to corresponding reception station and LOCID to the BT file.
- c. Change mode allows users to change existing BT locations and corresponding reception stations and LOCIDs.
- d. Delete mode allows users to delete BT locations and corresponding reception stations and LOCIDs from the BT file.

3-4. Options.

BTLOC provides the user with the option of processing male or female BT locations.

Section II INPUT-REQUIREMENTS

3-5. Data Items.

BTLOC requires the user to enter the items described below in table 3-1.

Table 3-1
BTLOC input data items.

Field Name	Field Label	Content Description
BT location	LOCATION NAME(8)	Enter the BT location name.
Reception Station	RECSTA NAME(8)	Enter the reception station location
Reception Station location ID	LOCID of RECSTA(4)	Enter the valid RECSTA LOCID

3-5A. Title not used.

Paragraph not used.

Section III PROGRAM OPERATION

3-6. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters BTLOC and depresses the carriage return key. The program is now ready to communicate with the user.

3-7. Procedures.

Follow the procedures described below to execute the BTLOC program. Refer to figures 3-1, 3-2, 3-3 and 3-4 for samples of BTLOC output.

Table 3-1A
BTLOC program

BTLOC:

BTLOC PROGRAM
REPORTS, ADDS, DELETES, CHANGES NAMES OF LOCATIONS ON
BT FILE
ACTION TYPE OF LOC
(R,A,D,C,E) / (M OR F)

USER:

1. To generate a report of BT locations, enter R. BTLOC generates the desired report.
2. To add a BT location to the file, enter A. Refer to section 3-6(a) for Add mode procedures.
3. To change an existing BT location, enter C. Refer to section 3-6(b) for Change mode procedures.
4. To delete a BT location, enter D. Refer to section 3-6(c) for Delete mode procedures.
5. Enter M for processing male BT locations or enter F for processing female BT locations.
6. To terminate processing, enter E.
7. Depress the carriage return key.

Table 3–1B**BTLOC Add mode procedures.**

BTLOC: ENTER LOCATION NAME (UP TO 8 CHARACTERS)**USER:** Enter the desired BT location name and depress the carriage return key.

BTLOC: ENTER RECSTA NAME**USER:** Enter the desired reception station name and depress the carriage return key.

BTLOC: ENTER LOCID OF RECSTA**USER:** Enter the valid LOCID of the reception station and depress the carriage return key.

BTLOC:

XXXXXXXXX ADDED TO THE FILE

ACTION TYPE OF LOC

R,A,D,C,E) / (M OR F)

USER: Select and enter the desired function.

Table 3–1C**BTLOC Change mode procedures.**

BTLOC: CHANGE BT LOCATION NAME (ENTER Y OR N)**USER:**

1. To change the BT location name, enter Y.
 2. To leave the BT location unchanged, enter N. BTLOC then skips the next prompt.
 3. Depress the carriage return key.
-

BTLOC: OLD LOCATION/NEW LOCATION**USER:** Enter the old BT location to be changed and the new BT location name and depress the carriage return key. BTLOC displays the new BT location.

BTLOC: CHANGE RECSTA/LOCID? (ENTER Y OR N)**USER:**

1. If a change of the BT location's RECSTA or LOCID is not desired, enter N. BTLOC then proceeds to the last prompt.
 2. If a change in the RECSTA or LOCID is desired, enter Y.
 3. Depress the carriage return key.
-

BTLOC: ENTER LOCATION NAME (UP TO 8 CHARACTERS)**USER:**

1. Enter the BT location name of the corresponding new RECSTA or LOCID to be changed. (The user may enter the new BT location name of the location currently being processed or another BT location for which the user desires to change the RECSTA or LOCID.)
 2. Depress the carriage return key.
-

BTLOC: ENTER RECSTA NAME**USER:** Enter the desired RECSTA name and depress the carriage return key.

BTLOC: ENTER LOCID OF RECSTA**USER:** Enter the desired LOCID and depress the carriage return key.

BTLOC:

BTLOC: ACTION TYPE OF LOC

(R,A,D,C,E) / (M OR F)

USER: Select and enter the desired function.

Table 3-1D
BTLOC Delete mode procedures.

BTLOC: ENTER LOCATION TO BE DELETED

USER: Enter the BT location to be deleted and depress the carriage return key.

BTLOC:

XXXXXXXXX DELETED FROM FILE

ACTION TYPE OF LOC

(R,A,D,C,E) / (M OR F)

USER: Select and enter the desired option

```
ACTION          TYPE OF LOC
(R,A,D,C,E) / (M OR F)
R                M
CURRENT LOCATION NAMES
BT LOC / RECSTA  LOCID
DIX            DIX      2NJ
JACKSON        JACKSON  2SC
LWOOD          LWOOD    2MO
KNOX           KNOX     2KY
ACTION          TYPE OF LOC
(R,A,D,C,E) / (M OR F)
E
```

Figure 3-1. BTLOC Report mode

```
ACTION          TYPE OF LOC
(R,A,D,C,E) / (M OR F)
A                M
ENTER LOCATION NAME (UP TO 8 CHARACTERS)
CHATHAM
ENTER RECSTA NAME
CHATHAM
ENTER LOCID OF RECSTA.
2NJ
CHATHAM ADDED TO THE FILE
ACTION          TYPE OF LOC
(R,A,D,C,E) / (M OR F)
E
```

Figure 3-2. BTLOC Add mode

```

(R,A,D,C,E) / (M OR F)
C          F
CHANGE BT LOCATION NAME ? (ENTER Y OR N)
Y
OLD LOCATION / NEW LOCATION
CHATHAM    NEW PROV
LOCATION CHATHAM CHANGED TO NEW PROV
BT LOC / RECSTA /LOCID -- FOR THE NEW BT LOC NAME
NEW PROV  CHATHAM    2NJ
CHANGE RECSTA/LOCID ? (ENTER Y OR N)
Y
ENTER LOCATION NAME (UP TO 8 CHARACTERS)
NEW PROV
ENTER RECSTA NAME
SUMMIT
ENTER LOCID OF RECSTA.
2NJ
ACTION      TYPE OF LOC
(R,A,D,C,E) / (M OR F)
E

```

Figure 3-3. BTLOC Change mode

```

ACTION      TYPE OF LOC
(R,A,D,C,E) / (M OR F)
D          M
ENTER LOCATION NAME TO BE DELETED
CHATHAM
CHATHAM DELETED FROM FILE
ACTION      TYPE OF LOC
(R,A,D,C,E) / (M OR F)
E

```

Figure 3-4. BTLOC delete mode

Section IV OUTPUT DESCRIPTION

3-8. Output.

BTLOC provides output in the format depicted in table 3-2.

Table 3-2
BTLOC output data items.

Field Name	Field Label	Content Description
Basic training location	BT LOC	The Basic Training location name.
Reception Station	RECSTA	The reception station name.
Location ID	LOCID	The reception station LOCID.

3-8A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

3-9. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. NO ROOM ON BT FILE
2. THERE ARE NO ASSIGNMENT RECORDS FOR AIT
3. THERE ARE NO ASSIGNMENT RECORDS FOR AA
4. THERE ARE NO ASSIGNMENT RECORDS FOR REP
5. ERROR ON LUN=XXX
VSAM ERROR RETURN CODE=XXXX
ACTION CODE=XXX
KEYS (IN HEX)=XXXXXXXXXX
RECORD TYPE=XXX
SPARE VARIABLE 1=XXXXXX SPARE VARIABLE 2=XXXXXX
6. CALL REQUEST OFFICE.
7. ERROR: TEXT MUST END WITH A PERIOD-QUIT
8. VSAM ERROR=XXXX ON LUN XXX
9. VMCF ERROR=XXXXXX FOR LUN XXX
10. NO SINK AVAILABLE FOR LUN XXX
11. SI008 HANDLES ACT=6 ONLY FOR TYPE=13.
12. IS NOT A VALID POSITION OF A LOCID.
13. IS INVALID PRIMARY POINTER (ACTION 6 IN SI008.
14. ERROR IN SI009 TYPE.
15. ACT=5 NOT ALLOWED FOR TYPE=1.
16. ERROR IN COUNT AND VALUE ARGUMENTS IN SI009.
17. ACT=6 ONLY ALLOWED FOR TYPE 7 THROUGH 10.
18. ***TRACE BACK***
ENTRY POINT ENTRY ADDRESS RETURN ADDRESS

3-10. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 3-3
Operation Errors.

MESSAGE: LOCATION XXXXXXXXXX IS ALREADY ON THE FILE

ACTION: The user has attempted to add a BT location that already exists on the BT file. Add a new BT location or select another function.

MESSAGE: XXX IS NOT A VALID LOCID

ACTION: The user has attempted to enter an invalid RECSTA LOCID. Enter a valid LOCID.

MESSAGE: XXXXXXXXXX NOT FOUND ON FILE

ACTION: The user has attempted to change or delete a BT location that does not exist on the file. Enter a valid BT location for change or deletion.

MESSAGE: IF YOU WANT TO CHANGE THE RECSTA NAME OR LOCID OF RECSTA, USE THE *CHANGE* OPTION.

ACTION: The user has attempted to add a BT location which already exists for the opposite sex. BTLOC displays a message to run the change mode if a change of the RECSTA or LOCID is desired.

Chapter 4

BUILDREC PROGRAM

Section I

PROGRAM SUMMARY

4-1. Purpose.

The BUILDREC program enables Guidance Counselors to construct new records or to display, change and delete existing records of inductees, volunteers, and Delayed Entry Program personnel (DEPs).

4-2. Applicability.

The BUILDREC program is accessed by the following user groups:

- a. KEYSTONE Branch.
- b. Reception Stations.
- c. Guidance Counselors/District Recruiting Command.

4-3. Functions.

BUILDREC allows the user to select from six functional modes, including New, Change, Delete, Show, Brief List, and DEP Factors.

- a. New enables users to construct records for inductees and volunteers.
- b. Change enables users to modify existing records.
- c. Delete enables users to delete an existing record.
- d. Show enables users to display an existing record.
- e. Brief List enables users to generate a list of inductees, volunteers and DEPs who have not yet received an assignment.
- f. DEP Factors enables users to complete the records of DEP individuals by prompting users to enter additional information to these records.

4-4. Options.

During the New and DEP Factors modes, the user is given the following options: Change, Display, OK and Erase-Input. During the Change mode, the user has the option to Change, Display, OK and Erase-Changes. Refer to table 4-1 for the procedures relating to these options.

Table 4-1
BUILDREC User options.

Option	Function
Change	Enter C to change information on a record.
Display	Enter D to display a record.
Option	Function
OK	Enter O to verify the information.
Erase-Input	Enter E to delete the input.
Erase-Changes	Enter E to delete the changes made. The record will appear as it was previous to the changes.

Section II

INPUT REQUIREMENTS

4–5. Data Item.

The RMS subsystem has the capability of varying the required data items to be collected by BUILDREC, as well as the valid values for each data item. Refer to table 4–2 for a sample of the type of data items that are likely to appear for each individual.

Table 4–2
BUILDREC input data items.

Field Name	Field Label	Content Description
Social security number	SOC-SEC # (9)	Enter a valid nine-digit SSN.
Inductee's name	NAME (29)	Enter the Inductee's full name.
U. S. citizenship	CIT (1)	Enter a Y if the inductee is a U. S. citizen; enter N if not.
Sex	SX (1)	Enter M for male, F for female.
Race	RACE (1)	Enter C for Caucasian, N for Negro, M for Asian, X for other or U for unknown.
Birthdate	BIRTHDATE (8)	Enter a valid birth date in DD/MM/YY format.
Civilian education	CIV ED (7)	Enter the number of years of education completed and the valid corresponding education code.
Driver's license	DVR LI (1)	Enter Y or N depending on whether the inductee has a valid driver's license.
Enlistment type	TYPE (4)	Valid enlistment types for Active Army are: NPS – Non-prior service PS – Prior service CAS – Civilian Acquired skill PCAS – Prior service with civilian acquired skill PSR – Prior service record (a prior service inductee who does not need BT or AIT) NPSR – Non-prior service record Valid enlistment types for Army Reserve and National Guard are: NPS – Non-prior service ESNG – Eskimo scout National Guard IRN – Non-prior service accessions into IRR SPT – Non-prior service, split-training RSE – ROTC simultaneous enlistment PST – Prior service inductees who require training PSN – Prior service inductees who do not require training ISAR – In-service Army Reserve ISNG – In-service National guard
Color perception	C–P (3)	Enter NOR for normal, R/G for red/green discrimination or NON for no color discrimination
Math level	MATH (3)	Enter the highest level math the inductee has attained. options are: Gen, Gene, Alg, Alge, Geo, Geom, Tri, Trig.
Science level	SCI (3)	Enter the highest level science the inductee has attained. options are: Gen, Gene, Bio, Biol, Che, Chem, Phy, Phys.
Security	SEC (1)	Enter Y for eligible for security clearance, or other X for ineligible for security clearance.
Sole surviving son/daughter	S–S–SON (1)	Enter Y or N.
Conscientious Objector	CONC–OBJ (1)	Enter Y or N.
AFQT score	AFQT (2–3)	Enter a score from 10–100
GT score	GT (1–3)	Enter a score from 0–160.
GM score	GM (1–3)	Enter a score from 0–160.
EL score	EL (1–3)	Enter a score from 0–160.
CL score	CL (1–3)	Enter a score from 0–160.
MM score	MM (1–3)	Enter a score from 0–160.

Table 4-2
BUILDREC input data items.—Continued

Field Name	Field Label	Content Description
SC score	SC (1-3)	Enter a score from 0-160.
CO score	CO (1-3)	Enter a score from 0-160.
FA score	FA (1-3)	Enter a score from 0-160.
OF score	OF (3)	Enter a score from 0-160.
ST score	ST (3)	Enter a score from 0-160.
AP score	AP (3)	Enter a score from 0-160.
Motor vehicle battery score	MVD (3)	Enter a score from 0-135.
Defense Language test score	DLAB (3)	Enter a DLAB score from 0-164.

4-5A. Title not used.

Paragraph not used.

Section III
PROGRAM OPERATION

4-6. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters BUILDREC and depresses the carriage return key. The BUILDREC program is now ready to communicate with the user.

4-7. Procedures.

Follow the procedures described below to execute the BUILDREC program. Refer to figures 4-1 through 4-6 for samples for the various BUILDREC functions.

Table 4-2A
Procedures.

BUILDREC: ENTER LOCID

USER: Enter the valid location ID for a particular AFEES and depress the carriage return key.

BUILDREC: NEW(N), CHANGE(C), DELETE(D), SHOW(S), BRIEF LIST(B), DEP FACTORS(P), END(E)

USER:

1. To create a new record, enter N. Refer to table 4-3 for creation procedures.
2. To change a record, enter C. Refer to table 4-4 for change procedures.
3. To delete a record, enter D. Refer to table 4-5 for deletion procedures.
4. To show a record, enter S. When prompted, enter the SSN to be displayed. BUILDREC then displays the record.
5. To generate an abbreviated report of enlistees by SSN, enter B. BUILDREC then prints the report and repeats the above prompt.
6. To terminate processing, enter E.
7. To complete DEP records by entering additional information, enter P. Refer to table 4-6 for DEP processing procedures.
8. Depress the carriage return key.

Table 4-3
BUILDREC Record creation procedures.

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
1. BUILDREC prompts for all of the desired information for the enlistee.	Enter all of the information items directly below the corresponding item prompt.	2
2. DISPLAY, CHANGE, OK, ERASE-RECORD?	Enter D to display the newly created record.	2
	Enter C, a blank space, the field to be changed, a space and then the information that will replace the previously-entered data. Enter O to verify the information is valid.	2
	If all information is valid, the record is accepted.	3
	If there is invalid information, the record will not be accepted until valid information is entered.	2
	Enter E to erase (delete) the input.	3
3. NEW(N), CHANGE(C), DELETE(D), SHOW(S), BRIEF LIST(B), DEP FACTORS(P), END(E)	Enter the desired mode	

Table 4-4
BUILDREC Change record procedures.

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
1. SOCIAL SECURITY NO.	Enter the desired social security number.	2
2. DISPLAY, CHANGE, OK, ERASE-RECORD?	Enter D to display the record.	2
	Enter C, a blank space, the field to be changed, a space and the replacement information in order to change or, if an entire line is to be changed, enter C LIN and the line number.	2
	Enter O to validate the information. If all the information is valid, the record is accepted.	3
	If there is invalid information, the record will not be accepted until all information is valid.	2
	Enter E, to delete all changes made. The record will appear as it was before the changes were made.	3
3. NEW(N), CHANGE(C), DELETE(D), SHOW(S), BRIEF LIST(B), DEP FACTORS(P), END(E)	Enter the desired mode	

Table 4-5
BUILDREC Record deletion procedures.

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
1. SOCIAL SECURITY NO.	Enter the SSN of the record to be deleted and depress the carriage return key.	2
2. DELETE WILL TAKE EFFECT IMMEDIATELY (CONTINUE(C) OR STOP(S)	1. To delete the record, enter C. 2. To block deletion of this record, enter S.	3 4
3. 111222333 DELETED	The program verifies that the record with the SSN entered has been deleted.	4
4. NEW(N), CHANGE(C), DELETE(D), SHOW(S), BRIEF LIST(B), DEP FACTORS(P), END(E)	Enter the desired mode	

Table 4-6
BUILDREC DEP Factors procedures.

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
1. SOCIAL SECURITY NO.	Enter the SSN of a DEP individual and depress the carriage return key.	2
2. The program displays the existing but still incomplete record of the DEP individual.	View the record and wait for prompt 3.	3
3. DISPLAY, CHANGE, OK, ERASE-INPUT?	1. Enter D to display the record. 2. Enter C, a blank, the field to be changed, a blank, and then the information that will replace the previously-entered data. 3. Enter O to verify that the existing information is complete. If there is incomplete information, the record will not be accepted until all required information is added to the record. If all information is complete, the record is accepted. 4. To erase the input, enter E. 5. Depress the carriage return key.	3 3 4 5 5
4. The program prompts for all the necessary additional information.	1. Enter C, a blank, the field to be changed, a blank, and then the information to be added. Depress the carriage return key. The program will prompt, "DISPLAY, CHANGE, OK, ERASE-INPUT?" Repeat this step until all the incomplete information has been entered.	3
5. NEW(N), CHANGE(C), DELETE(D), SHOW(S), BRIEF LIST(B), DEP FACTORS(P), END(E)	Select and enter the desired option.	

```

NEW(N), CHANGE(C), DELETE(D), SHOW(S), BRIEF LIST(B), DEP FACTORS(P), END(E) N
SOC SEC# /NAME /CIT/SX/RACE /BIRTHDATE/
111222333 JOHN SMITH Y M C 5/5/55
CIV ED DVR LI/TYPE PHY PROF/C-P / MATH/ SCI/SEC/S-S-SON/CONC-OBJ/
12 HSOG N PS 1111111 NOR ALG BIO X N N
AFQT/ GT / GM / EL / CL / MM / SC / CO / FA / OF / ST / AP / MYD/DLAB/
90 111 111 111 111 111 111 111 111 111 111 111 111
HEIGHT/BAT/
60 N
NEW(N), CHANGE(C), DELETE(D), SHOW(S), BRIEF LIST(B), DEP FACTORS(P), END(E) E

```

Figure 4-1. BUILDREC New mode.

```

NEW(N), CHANGE(C), DELETE(D), SHOW(S), BRIEF LIST(B), DEP FACTORS(P), END(E) C
SOCIAL SECURITY NO. 111222333
DISPLAY, CHANGE, OK, ERASE-INPUT? C MAT GEO
DISPLAY, CHANGE, OK, ERASE-INPUT? O
NEW(N), CHANGE(C), DELETE(D), SHOW(S), BRIEF LIST(B), DEP FACTORS(P), END(E) E

```

Figure 4-2. BUILDREC Change mode with change option.

NEW(N), CHANGE(C), DELETE(D), SHOW(S), BRIEF LIST(B), DEP FACTORS(P), END(E) D
 SOCIAL SECURITY NO. 111222333
 DELETE WILL TAKE EFFECT IMMEDIATELY. (CONTINUE(C) OR STOP(S)) C
 111222333 DELETED
 NEW(N), CHANGE(C), DELETE(D), SHOW(S), BRIEF LIST(B), DEP FACTORS(P), END(E) E

Figure 4-3. BUILDREC Delete mode.

NEW(N), CHANGE(C), DELETE(D), SHOW(S), BRIEF LIST(B), DEP FACTORS(P), END(E) S
 SOCIAL SECURITY NO. 111222333
 SOC SEC# /NAME /CIT/SX/RACE /BIRTHDATE/
 111222333 JOHN SMITH Y M C-CAUCASN 6/ 6/55
 CIV ED /DVR LI/TYPE /PHY PROF/C-P / MATH/ SCI/SEC/S-S-SON/CONC-OBJ/
 12 HSDG Y NPS 111111 NOR TRIG BID X Y N
 AFQT/ GT / GM / EL / CL / MM / SC / CO / FA / OF / ST / AP / MVD/DLAB/
 90 111 111 111 111 111 111 111 111 111 111 111 111 111
 HEIGHT/BAT/
 66 N
 NEW(N), CHANGE(C), DELETE(D), SHOW(S), BRIEF LIST(B), DEP FACTORS(P), END(E) E

Figure 4-4. BUILDREC Show mode.

NEW(N), CHANGE(C), DELETE(D), SHOW(S), BRIEF LIST(B), DEP FACTORS(P), END(E) B
 FOR LOCID AK7:
 111222333 JOHN JONES
 123123123 HARRY SMITH
 999999996 JULIA MARTIN
 999999999 MARK JOHNSON
 NEW(N), CHANGE(C), DELETE(D), SHOW(S), BRIEF LIST(B), DEP FACTORS(P), END(E) E

Figure 4-5. BUILDREC Brief List mode.

NEW(N), CHANGE(C), DELETE(D), SHOW(S), BRIEF LIST(B), DEP FACTORS(P), END(E) P
 SOCIAL SECURITY NO. 112233445
 SEC/S-S-SON/CONC-OBJ/BAT/HEIGHT
 X N N N 70
 DISPLAY, CHANGE, OK, ERASE-INPUT? Q
 -REQUIRED FACTOR AP
 -REQUIRED FACTOR MVD
 -REQUIRED FACTOR DLAB
 DISPLAY, CHANGE, OK, ERASE-INPUT? C AP 111
 DISPLAY, CHANGE, OK, ERASE-INPUT? C MVD 111
 DISPLAY, CHANGE, OK, ERASE-INPUT? C DLAB 111
 DISPLAY, CHANGE, OK, ERASE-INPUT? 0
 NEW(N), CHANGE(C), DELETE(D), SHOW(S), BRIEF LIST(B), DEP FACTORS(P), END(E) E

Figure 4-6. BUILDREC DEP Factors mode.

Section IV OUTPUT DESCRIPTION

4-8. Output.

BUILDREC provides a report of an individual's record, if the specified individual has had a record created but no assignment has yet been made. Since the RMS subsystem has the capability of changing the information gathered by BUILDREC, the program's output will be determined by the information that is gathered at the time the program is run.

4-8A. Title not used.

Paragraph not used.

Section V ERROR MESSAGES AND CORRECTION PROCEDURES

4-9. System Errors.

The following is a representative list of possible system errors. If any such error messages appear, call the KEYSTONE Branch immediately.

- a. Any message which contains one of the following phrases:

XXXX FILE NOT INCREMENTED
XXXX FILE NOT DECREMENTED
XXXX FILE NOT UPDATED

- b. Any message which contains one of the following phrases:

COUNTERS WOULD BECOME NEGATIVE
UNSUCCESSFUL UPDATE OF XXXXX
RESERVATIONS WOULD BECOME NEGATIVE

- c. ***TRACE BACK***

ENTRY POINT ENTRY ADDRESS RETURN ADDRESS
XXXXXXXXX ZZZZZZZZ ZZZZZZZZ

- d. ERROR: ON LUN = XXXXXX

VSAM ERROR RETURN CODE = XXXXXX
ACTION CODE = XXX
KEYS (IN HEX) = ZZZZZZZZ, ZZZZZZZZ
RECORD TYPE = XXX
SPARE VARIABLE X = XXXXXX
CALL KEYSTONE BRANCH

- e. SYSTEM ERROR

: INVALID XXXXX IN XXXX
: ILLEGAL XXXXXX
: OCCURRED IN XXX WHEN CALLING XXXX
: IN XXXXXX WHEN RUNNING XXXXX
: RETURNED BY XXXX
: ERROR IN XXXX
: XXXX NOT FOUND
: RECORD DESCRIPTOR HAS XXXXXXXX RETURN CODE IS XX
: PLEASE CALL KEYSTONE BRANCH

- f. ERROR

: READING XXXXX
: INVALID XXXX INDICATOR IN SUBROUTINE XX
: XXX NOT FOUND ON XXXX FILE

: XXXXX ERROR-SUBROUTINE XXXXXX
 : SIOXX-FOR KEY XXXXXX AND ACTION XXXX NUMREC = XXXXXXXXX
 : ILLEGAL XXXX PASSED TO XXXXXX
 : BAD XXXX IN XXXXXX
 : IN XXXXX - XXXXXX
 : CANNOT FIND XXXX ON XXXXXX

- g. FATAL ERROR - XXXXXX
- h. SIOXX ERROR: XXXXXX
- i. INVALID XXXXX IN SIOXX
- j. INVALID VALUE FOR XXXXX in XXXXXX
- k. BAD RETURN FROM XXXX IN XXXXXX
- l. PROBLEM WITH XXXX XXXX RECORD

VALIDATING XXXXXX IN XXXXXX
 READING XXXXXXXX
 IN XXXXXX

- m. UNABLE TO GET DATA FROM XXXXXX

VALIDATE XXXX - XXXXXX
 DECODE XX TYPE XXXXXX

- n. VSAM ERROR = XXXX ON LUN XXX
- o. VMCF ERROR = XXXXXX FOR LUN XXX
- p. NO SINK AVAILABLE FOR LUN XXX
- q. KEY/RECORD DISAGREE, KEY = XXXXXX RECORD: XXXXX
- r. FACTOR XXXXXX NOT IN DATA DICTIONARY (XXXX)
- s. LOGIC ERROR: XXXXXX XXXXX
- t. XXXXX IS OUT OF RANGE XXXX IS AN INVALID XXXXX FOR COMPONENT (XXXX)
- u. THIS OPTION NOT AVAILABLE AT THIS TIME
 ACTION IS XXXX
- v. NO XXXXXXX FOUND IN XXXXX
- w. XXXXXXX RECEIVED BY XXXX IS INCORRECT
- x. \$CTS ERROR IN XXXX ROUTINE

4–10. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 4–7
Operation Errors.

MESSAGE: XXXX ALREADY EXISTS-TRANSACTION FAILED

ACTION: The user attempted to create a record for an SSN that already has a record. Enter a new record or select another option.

MESSAGE: ERROR-INVALID SSN

ACTION: The user has entered an invalid SSN. Enter a valid nine-digit SSN.

MESSAGE: XXXXXXXXXX HAS AN ASSIGNMENT-RECORD MAY NOT BE CHANGED

ACTION: The user has attempted to change information for an individual who has received an assignment. Enter an SSN that can be changed or select another option.

MESSAGE: ALREADY EXISTS-CHANGE FAILED

ACTION: The user has attempted to make a change to a value that already exists. Enter a new change or select another option.

MESSAGE: XXXXXXXXXX HAS AN ASSIGNMENT-RECORD MAY NOT BE DELETED USING BUILDREC

ACTION: The user has attempted to delete an individual who has already been assigned. Enter a valid SSN for a delete or select another option.

MESSAGE: NO RECORDS FOUND FOR YOUR LOCATION ID

ACTION: The user has attempted to generate a report for a LOCID for which no records exist. Enter new records or select another option.

MESSAGE: -INVALID FACTOR NAME-

Table 4-7
Operation Errors.—Continued

ACTION: The user has attempted a change but has entered an invalid field name on which the change is to be performed. Enter a valid field name.

MESSAGE: -INVALID DATE-

ACTION: The user has entered a date that is not in DD/MM/YY format. Enter a valid date.

MESSAGE: FACTOR VALUE MUST BE AN INTEGER-

ACTION: The user has entered an alphabetic entry for a field that accepts only integer values. Enter a valid integer.

MESSAGE: -INVALID EDUCATION CODE

ACTION: The user has entered an invalid education code. Enter a valid education code.

MESSAGE: -INVALID RESPONSE-

ACTION: The user has entered an invalid option when in the Change mode. Enter a valid response option.

MESSAGE: INVALID LOCID-TRY AGAIN

ACTION: The user has entered an invalid LOCID. The user has two more tries to enter a valid LOCID. If, after three tries, a valid LOCID is not entered, the program terminates. Enter a valid LOCID.

MESSAGE: -INVALID LINE NUMBER-

ACTION: The user has entered an invalid line number. Enter a line number from 1 to 4.

MESSAGE: -NO BLANK OUT FOR REQUIRED FACTOR-

ACTION: The user has entered an asterisk to blank out a required factor. Enter a valid data item for the required factor.

MESSAGE: -FACTOR VALUE EXCEEDS LIMIT-

ACTION: The user has entered an out-of-range value for a factor. Enter a value within the valid factor limit.

MESSAGE: -RESTRICTED FACTOR-

ACTION: The user has tried to change or delete a restricted factor, which is not allowed. Enter another factor to be deleted or changed, or select another option.

MESSAGE: INVALID ENTRY FOR XXXX

ACTION: The user has entered an invalid entry for a factor. Enter a valid entry.

MESSAGE: -INVALID VALUE OF FACTOR

ACTION: The user has entered an invalid value for a factor. Enter a valid value.

MESSAGE: -INVALID DATE OF FACTOR

ACTION: The user has entered an invalid date. Enter a valid date.

MESSAGE: -NON-NUMERIC VALUE OF FACTOR

ACTION: The user has entered an alphabetic response to a factor that requires a numeric response. Enter a numeric response.

MESSAGE: VALUE EXCEEDS XXXXXXXXXX FOR FACTOR

ACTION: The user has entered a value that exceeds the valid limit. Enter a valid value that falls within the factor's limit.

MESSAGE: -INVALID DATE FOR

ACTION: The user has entered an invalid date. Enter a valid date.

MESSAGE: THIS PERSON IS NOT A DEP

ACTION: During the DEP Factors mode, the user has entered the SSN of a person who is not a DEP. Enter the SSN of a DEP individual.

MESSAGE: -REQUIRED FACTOR XXX

ACTION: During the DEP Factors mode, the user has not yet added the required factor(s) needed to complete the record of the DEP individual. Enter the required factor specified in the program prompt.

MESSAGE: THIS RECORD CANNOT BE CHANGED UNTIL THE DEP INFORMATION IS COMPLETED.

ACTION: Reenter the valid mode (Delete, Show, or DEP).

Chapter 5

VLOOKUP PROGRAM

Section I

PROGRAM SUMMARY

5-1. Purpose.

The VLOOKUP program searches for and displays AIT classes available on the AIT Quota file for individuals being processed by the Volunteer portion of RMS.

5-2. Applicability.

The VLOOKUP program is accessed by the following user groups:

- a. KEYSTONE Branch
- b. Reception Stations
- c. Guidance Counselors/District Recruiting Command

5-3. Functions.

VLOOKUP has one function. The program generates a report of AIT classes for user-specified reception station dates and MOSs or Career Management Fields (CMF) available to the volunteer's enlistment type.

5-4. Options.

VLOOKUP provides the user with the option of entering up to four MOS codes or one CMF. A CMF contains two or more MOS codes. If a CMF is entered, a report of all the MOSs contained in the CMF is generated. The CMF may be entered under the first MOS prompt. If a CMF is entered, no other MOS codes or CMFs can be entered for that report.

Section II

INPUT REQUIREMENTS

5-5. Data Items.

VLOOKUP requires the user to enter the items described below in table 5-1.

Table 5-1
VLOOKUP input data items.

Field Name	Field Label	Content Description
Location ID	LOCID(3)	Enter the MEPS location ID.
Reception station date	RECSTA DATE(8)	Enter the date, in DD/MM/YY format, that the volunteer is to arrive at the reception station.
MOS code	MOS(4)	Enter up to four four-digit MOS codes or one two-digit CMF.
Sex	SEX(1)	Enter M for male or F for female.
Enlistment type	TYPE(4)	Enter NPS for non-prior service, PS for prior service, CAS for civilian acquired skill or PCAS for prior service civilian acquired skill.
Basic Airborne Training	BAT(1)	Enter Y if BAT is desired, enter N if BAT is not desired.
Conscientious Objector	CONOB(1)	Enter Y if the volunteer is a conscientious objector or enter N if the volunteer is not a conscientious objector.
Basic Training or Basic Combat Training	BT-BCT(1)	Enter Y if BT/BCT is desired, or N if it is not desired.(This prompt will appear for PS and PCAS types only)
Basic Airborne Training	BAT(1)	Enter Y if BAT is desired, or N if it is not desired. (This prompt will appear for PS and PCAS types only.)

5-5A. Title not used.

Paragraph not used.

Section III PROGRAM OPERATION

5-6. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters VLOOKUP and depresses the carriage return key. The program is now ready to communicate with the user.

5-7. Procedures.

Follow the procedures described below to execute the VLOOKUP program. Refer to figure 5-1 for a sample VLOOKUP output.

Table 5-1A
Procedures.

VLOOKUP: ENTER LOCID:

USER: Enter the valid MEPS, LOCID and depress the carriage return key.

VLOOKUP: RECSTA DATE/MOS/MOS/MOS/MOS/SEX/TYPE/BAT/CONOB OR END

USER:

1. To terminate processing, enter END.
2. To generate the desired report of AIT classes available to an individual, enter the requested information as specified in paragraph 5-4.
3. Depress the carriage return key.

VLOOKUP:

1. If the type entered in the above prompt is NPS or CAS, VLOOKUP generates the desired report and repeats the above prompt for more reports.

2. If the type entered above is PS or PCAS, VLOOKUP prompts:

BT-BCT/BAT (Y OR N)

USER:

1. Enter Y if BT/BCT is desired, or enter N if it is not desired.
2. Enter Y if BAT is desired, or enter N if it is not desired. Note: If, in response to the second prompt in this list, the user responds to whether BAT is desired with a Y, and then responds to BAT with N in this prompt, or vice-versa, the first response is erased and the program accepts the second response. VLOOKUP then generates the desired report and prompts for more reports.

```
ENTER LOCID:  AK7
RECSTA DATE/ MOS / MOS / MOS / MOS / SEX / TYPE / BAT / CONOB  OR END
30/12/81    111B1 12B1  12E1  12F1  F    PS    N    N
BT-BCT / BAT(Y OR N)
  Y      N
MOS      PREREQ  AIT DATE      SEATS
12F1      NONE   26/ 2/82      25
12E1      12B1   26/ 2/82      25

RECSTA DATE/ MOS / MOS / MOS / MOS / SEX / TYPE / BAT / CONOB  OR END
END
```

Figure 5-1. VLOOKUP report generation procedures.

Section IV

OUTPUT DESCRIPTION

5-8. Output.

VLOOKUP provides output in the format described in table 5-2.

Table 5-2
VLOOKUP output data items.

Field Name	Field Label	Content Description
MOS code	MOS	The user-specified MOS.
Prerequisite MOS	PREREQ	The prerequisite MOS for the user-specified MOS.
AIT date	AIT DATE	The date the AIT class begins.
Number of seats	SEATS	The number of available spaces in the class.
BAT date	BAT DATE	The date Basic Airborne Training begins.

5-8A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

5-9. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. NO NON-OSUT RECSTA DATE FOR AIT XX/XX/XX
ON SPECIAL REC #3 OF QUOTA FILE
2. NO AIT DATE ON CLASS RECORD: RECSTA=XXXXXX
MOS=XXXX
3. ERROR ON LUN=XXX
VSAM ERROR RETURN CODE=XXXX
ACTION CODE=XXX
KEYS(IN HEX)=XXXXXXXXXX
RECORD TYPE=XXX
SPARE VARIABLE 1=XXXXXX
SPARE VARIABLE 2=XXXXXX
4. CALL REQUEST OFFICE.
5. NO MORE TRIES.
6. INVALID ACTION CODE-MSI002
7. INVALID TYPE FOR ACTION XXX
8. ERROR IN MOVECH-MOVE=XXX-MSI002
9. KEY(6)=XXXX INVALID RECORD NUMBER FOR ACTION 6
10. COUNTER=XXX INVALID FOR ACTION 6
11. VALUE=XXX INVALID FOR ACTION 6
12. ERROR: TEXT MUST END WITH A PERIOD-QUIT
13. VSAM ERROR=XXXX ON LUN XXX
14. VMCF ERROR=XXXXXXXXX FOR LUN XXX
15. NO SINK AVAILABLE FOR LUN XXX
16. ERROR IN UPDATE ARGUMENTS CALLING SI048.
17. *** TRACE BACK ***
ENTRY POINT ENTRY ADDRESS RETURN ADDRESS

5-10. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 5-3
Operation Errors.

MESSAGE: ERROR IN RECSTA DATE ENTER DD/MM/YY FORMAT

ACTION: The user has entered an incorrect RECSTA date. Enter the date in DD/MM/YY format.

MESSAGE: ERROR SEX CODE

ACTION: The user has entered an invalid sex code. Enter M for male or F for female.

MESSAGE: ERROR TYPE CODE (VALID CODES FOR LOOKUP ARE NPS, PS, CAS, AND PCAS)

ACTION: The user has entered an invalid enlistment type code. Enter NPS, PS, CAS, or PCAS.

MESSAGE: ERROR BAT CODE

ACTION: The user has entered an invalid response to the BAT option. Enter Y if BAT is desired, enter N if it is not desired.

MESSAGE: RECSTA DATE OUT OF RANGE

ACTION: The user has entered a RECSTA date that does not fall within the date range on the QUOTA file. Enter a valid RECSTA date.

MESSAGE: INVALID INPUT

ACTION: The user has entered an invalid response to the prompt BT-BCT/BAT. Enter Y if BT-BCT is desired, or N if it is not desired. Enter Y if BAT is desired, or N if BAT is not desired.

MESSAGE: CMF OR MOS MUST BE ENTERED

ACTION: The user has entered an invalid response. Enter up to four four-digit MOS codes or one two-digit CMF.

MESSAGE: MOS XXXX NOT ON QUAL FILE

ACTION: The user has entered an invalid MOS code. Enter a valid four-digit MOS code.

MESSAGE: ERROR IN MOS CODE OR CMF: XXXX PLEASE RETYPE

ACTION: The user has entered an incorrect character in an MOS or a CMF. Enter the valid MOS or CMF.

MESSAGE: PLACE CMF UNDER THE FIRST MOS ONLY

ACTION: The user has not entered the CMF under the first MOS prompt. Enter the CMF under the first MOS prompt.

MESSAGE: NO MOSs ASSOCIATED WITH THIS CMF

ACTION: The user has entered an invalid CMF. Enter a valid CMF.

MESSAGE: INVALID LOCID - TRY AGAIN

ACTION: The user has entered an invalid LOCID. The user has two more tries to enter a valid LOCID.

Chapter 6

DUMPTR PROGRAM

Section I

PROGRAM SUMMARY

6-1. Purpose.

The DUMPTR program generates the training record of an individual for the reception station to which the individual is assigned for a specified enlistment date. The training record includes the reception station to which the individual is assigned; the individual's record is generated by the BUILDREC program; the basic training and AIT locations; the dates the individual is to begin basic training and AIT; the individual's MOS and title; and any additional requirements the individual has for the assigned MOS. This report is a more comprehensive version of the arrival report generated by the MRIVAL program.

6-2. Applicability. The DUMPTR program is accessed by the following user groups:

- a. KEYSTONE Branch
- b. Reception Stations

6-3. Functions.

DUMPTR generates a training record report for a specified reception station and enlistment date.

Section II INPUT REQUIREMENTS

6-4. Data Items.

DUMPTR requires the user to enter the items described below in table 6-1.

Table 6-1
DUMPTR input data items.

Field Name	Field Label	Content Description
Reception station location ID	LOCID (4)	Enter the valid LOCID for a desired reception station.
Enlistment date	ENLISTMENT DATE (8)	Enter the specified enlistment date in DD/MM/YY format.

6-4A. Title not used.

Paragraph not used.

Section III PROGRAM OPERATION

6-5. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters DUMPTR and depresses the carriage return key. The DUMPTR program is now ready to communicate with the user.

6-6. Procedures.

Follow the procedures described below to execute the DUMPTR program. Refer to figure 6-1 for a sample of DUMPTR.

Table 6-1A
Procedures.

DUMPTR: Enter LOCID.

USER: Enter the valid location ID for the desired reception station.

DUMPTR: ENTER ENLISTMENT DATE - AS DD/MM/YY OR END (E.)

USER:

1. To generate the training record report, enter the desired date in DD/MM/YY format. DUMPTR responds by printing the records and additional requirements for the individuals who enlisted on the user-specified date.
 2. To terminate the program, enter E.
 3. Depress the carriage return key.
-

DUMPTR: ENTER ENLISTMENT DATE - AS DD/MM/YY OR END (E)

USER: Enter the desired function.

ENTER LOCID: 2CA
ENTER ENLISTMENT DATE - AS
DD/MM/YY OR END(E)

2/12/81

REQUEST MOBILIZATION SYSTEM

**** TRAINING RECORD REPORT ****
FOR

RECEPTION STATION: SILL

ENLISTMENT DATE: 8/12/82
TODAY'S DATE: 9/12/82

SOC-SEC-* /NAME
111222333 JOHN JONES

/CIT/SX/RACE /BIRTHDATE/
Y M C-CAUCASN 5/ 5/55

Figure 6-1. DUMPTR output.

Section IV OUTPUT DESCRIPTION

6-7. Output.

DUMPTR provides output in the format described in table 6-2. Because the RMS subsystem has the capability of changing required factor items on individual records, these records may vary in the output format.

Table 6-2
DUMPTR output data items.

Field Name	Field Label	Content Description
Reception station	RECEPTION STATION	The reception station corresponding to the user-specified LOCID.
Enlistment date	ENLISTMENT DATE	The user-specified enlistment date in DD/MM/YY format.
Today's date	TODAY'S DATE	The current date in DD/MM/YY format.

6-7A. Title not used.

Paragraph not used.

Section V ERROR MESSAGES AND CORRECTION PROCEDURES

6-8. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. PROBLEM WITH LOCID TABLE.
2. INVALID RECSTA LOCID.
3. INVALID VTYPXXX FOR FACTOR XXX
4. PROBLEM IN DSPLY ROUTINE - CALL RQST OFFICE.
5. 40 NO MORE TRIES
6. ERROR: TEXT MUST END WITH A PERIOD - QUIT
7. INVALID I/O OPTION.
8. INVALID NUMREC IN SI015.
9. THIS ACTION NOT VALID FOR LUN15.
10. INVALID OPTION - SI077.
11. ERROR ON LUN = XXX
VSAM ERROR RETURN CODE = XXX

- ACTION CODE = XXX
 KEYS (IN HEX) = XXXXXXXX
 RECORD TYPE = XXX
 SPARE VARIABLE 1 = XXXXXX
 SPARE VARIABLE 2 = XXXXXX
12. CALL RQST OFFICE
 13. VSAM ERROR = XXXX ON LUN XXX
 14. VMCF ERROR = XXXXXXXX FOR LUN XXX
 15. NO SINK AVAILABLE FOR LUN XXX
 16. SI008 HANDLES ACT = 6 ONLY FOR *TYPE = 13.
 17. IS NOT A VALID *UPDATE TYPE.
 18. IS NOT A *VALID POSITION OF A LOCID.
 19. IS INVALID PRIMARY * POINTER (ACTION 6 IN SI008).
 20. ERROR IN COUNT AND VALUE ARGUMENTSIN SI009.
 21. ACT = 6 ONLY ALLOWED FOR TYPE 7 THROUGH 10.
 22. READMANY IN SI048 ONLY ALLOWED FOR TYPES 2, 4, 5, 6.
 23. ERROR IN UPDATE ARGUMENTS CALLING SI048.

6–9. Operation Errors.

The following list contains a possible operation error message and the corrective action to be taken.

Table 6–3
Operation Errors.

MESSAGE: INVALID LOCID - TRY AGAIN

ACTION: The user has entered an invalid LOCID, and has two more attempts to enter a valid LOCID. Enter a valid LOCID for the desired reception station.

Chapter 7

AFREP PROGRAM

Section I

PROGRAM SUMMARY

7–1. Purpose.

The AFREP program enables users to generate reports of enlistments for specified location IDs and dates.

7–2. Applicability.

The AFREP program is accessed by the following user groups:

- a. KEYSTONE Branch
- b. Reception stations
- c. Guidance Counselors/District Recruiting Command

7–3. Functions.

AFREP generates enlistment reports for inductees and volunteers for user-specified LOCIDs and dates.

Section II

INPUT REQUIREMENTS

7–4. Data Items.

AFREP requires the user to enter the items described below in table 7-1.

Table 7-1
AFREP input data items.

Field Name	Field Label	Content Description
Location ID	LOC ID (3)	Enter a valid LOCID.
Beginning enlistment date	BEGIN ENL (8)	Enter an enlistment date in DD/MM/YY format for the beginning of the report date range.
Ending enlistment date	END ENL (3)	Enter an enlistment date in DD/MM/YY format for the end of the report date range.

7-4A. Title not used.

Paragraph not used.

Section III

PROGRAM OPERATION

7-5. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters AFREP and depresses the carriage return key. The program is now ready to communicate with the user.

7-6. Procedures.

Follow the procedures described below to execute the AFREP program. Refer to figures 7-1 and 7-2 for sample AFREP reports.

Table 7-1A
Procedures.

AFREP: ENTER LOC ID, ALL, OR END:

USER:

1. To generate report for a specific LOCID, enter a valid LOCID.
2. To generate a report for all LOCIDs, enter ALL.
3. To terminate processing, enter END.
4. Depress the carriage return.

AFREP: The program generates the specified report and continues to prompt the user for more reports until the user enters END.

USER: N/A

```

ENTER LOC ID, ALL, OR END:
AK7
BEGIN ENL DATE/END ENL DATE
2/12/81      2/12/81
SSN          /NAME          /RECEP STA /ENLIST DATE
111111111    JANE Q PUBLIC    MCCLELL    2/12/81
111222333    BOB JONES        SILL       2/12/81
1212121      JOHN Q PUBLIC    SILL       2/12/81
139582183    TOWNSEND VICTOR WAYN KNOX    2/12/81

ENTER LOC ID, ALL, OR END:
END

```

Figure 7-1. AFREP. Report procedures with LOCID option.

```

ENTER LOC ID, ALL, OR END:
ALL
BEGIN ENL DATE/END ENL DATE
2/12/81      2/12/81
SSN      /NAME      /RECEP STA /ENLIST-DATE/LOCID
165548667 YENKEVICH, ALBERT P JACKSON      2/12/81      AKK
209543089 COULTER, JAMES E L      LWOOD      2/12/81      AKK
111111111 JANE Q PUBLIC      MCCLELL      2/12/81      AK7
111111111 JOHN JONES      SILL      2/12/81      AK7

ENTER LOC ID, ALL, OR END:
END

```

Figure 7-2. AFREP Report procedures with ALL option.

Section IV OUTPUT DESCRIPTION

7-7. Output.

AFREP provides output in the format described in table 7-2.

Table 7-2
AFREP output data items.

Field Name	Field Label	Content Description
Social security number	SSN	An individual's social security number.
Name	NAME	An individual's name.
Reception station	RECEP STA	The reception station to which the individual is assigned.
Enlistment date	ENLIST DATE	The date the individual enlisted.
Location ID	LOCID	The valid location ID of the MEPS at which the inductee enlisted (for the ALL option only).

7-7A. Title not used.

Paragraph not used.

Section V ERROR MESSAGES AND CORRECTION PROCEDURES

7-8. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. ERROR ON LUN =XXX
 VSAM ERROR RETURN CODE = XXXX
 ACTION CODE = XXX
 KEYS (IN HEX) = XXXXXXXX
 RECORD TYPE = XXX
 SPARE VARIABLE 1 = XXXXXX
 SPARE VARIABLE 2 = XXXXXX
2. CALL REQUEST OFFICE.
3. NO MORE TRIES.
4. ERROR: TEXT MUST END WITH A PERIOD - QUIT
5. VSAM ERROR = XXXX ON LUN XXXX
6. VMCF ERROR = XXXXXXXX FOR LUN XXX
7. NO SINK AVAILABLE FOR LUN XXX
8. SI008 HANDLES ACT = 6 ONLY FOR *TYPE = 13.
9. IS NOT A *VALID UPDATE TYPE.

10. IS NOT A VALID POSITION OF A LOCID.
11. IS INVALID PRIMARY * POINTER (ACTION 6 IN SI008.)
12. ERROR IN SI009 TYPE.
13. ACT = 5 NOT ALLOWED FOR TYPE = 1.
14. ERROR IN COUNT AND VALUE ARGUMENTS IN SI009.
15. ACT = 6 ONLY ALLOWED FOR TYPE 7 THROUGH 10.
16. INVALID NUMREC IN SI015.
17. THIS ACTION NOT VALID FOR LUN15.
18. ERROR IN UPDATE ARGUMENTS CALLING SI048.
19. **** TRACE BACK ****
ENTRY POINT ENTRY ADDRESS RETURN ADDRESS
20. INVALID LOCID.

7-9. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 7-3

Operation Errors.

MESSAGE: INVALID LUCID - TRY AGAIN

ACTION: The user has entered an invalid LOCID. The user has two more attempts to enter a valid LOCID.

Chapter 8 GETREC PROGRAM

Section I PROGRAM SUMMARY

8-1. Purpose.

The GETREC program displays records of individuals who have received a training assignment.

8-2. Applicability.

The GETREC program is accessed by the following user groups:

- a. KEYSTONE Branch.
- b. Reception Stations.

8-3. Functions.

GETREC has one function. This consists of displaying the requested inductee training assignment record for a given location.

Section II INPUT REQUIREMENTS

8-4. Data Items.

GETREC requires the user to enter the items described below in table 8-1.

Table 8-1
GETREC input data items.

Field Name	Field Label	Content Description
Location ID	LOCID	Enter the valid location ID for the user's location.
Social security number	SOCIAL SECURITY NO.	Enter the inductee's nine digit social security number.

8-4A. Title not used.

Paragraph not used.

Section III
PROGRAM OPERATION

8-5. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:
ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters GETREC and depresses the carriage return key. The GETREC program is now ready to communicate with the user.

8-6. Procedures.

Follow the procedures described below to display an individual's record. Figure 8-1 is a sample execution of the GETREC program.

Table 8-2
Procedures.

GETREC: ENTER LOCID

USER:

1. Enter a valid location ID.
 2. Depress the carriage return key.
-

GETREC: SOCIAL SECURITY NO. OR END (E)

USER:

1. Enter the valid social security number of the individual whose record is to be displayed, or enter E to terminate the program.
 2. Depress the carriage return key.
-

GETREC: Displays either an error message or an inductee record and repeats: SOCIAL SECURITY NO. OR END (E)

USER:

1. Enter the valid social security number of the individual whose record is to be displayed, or enter E to terminate the program.
 2. Depress the carriage return key.
-

```

ENTER LOCID :AK7
SOCIAL SECURITY NO. OR END(E) 99999998
SOC SEC# /NAME                               /CIT/SX/RACE       /BIRTHDATE/
999999999 GEORGE JONES                      N M X-OTHER      22/ 9/55
CIV ED /DVR LI/TYPE /PHY PROF/C-P / MATH/ SCI/SEC/S-S-SON/CONC-OBJ/
12 CLEP N NPS 11111111 NOR TRI CHE X N
AFQT/ GT / GM / EL / CL / MM / SC / CO / FA / OF / ST / AP / MVD/DLAB/
100 160 160 160 160 160 160 160 55 55 160 160 160 130 160
HEIGHT/BAT/DESIRED MO/COL-MAJ/COR-VIS/ELECTR/LANGUAGE/MOS-PRI/MOS
48 N THEF N LIGH HOBBIT 2 12F1
OCS/BT-LOC /AIT-LOC /2ND-AIT-/RESERVAT/ENLISTME/RECEPTIO/BT-DATE
DIX GORDON 16/11/81 16/11/81 16/11/81 20/11/81
AIT-DATE 2ND-AIT-D/BAT-DATE /TYPE-TR/IRISH/RUGBY/
29/ 1/82 0/ 0/ 0 0/ 0/ 0 0 Y BALL

ENTER LOCID: AK7
SOCIAL SECURITY NUMBER OR END(E) E

```

Figure 8-1. GETREC output.

8-6A. Title not used.

Paragraph not used.

Section IV OUTPUT DESCRIPTION

8-7. Output.

GETREC provides a report of the specified individual's record. Since RMS contains the capability for managers to update the information printed by GETREC, the output items are subject to change.

8-7A. Title not used.

Paragraph not used.

Section V ERROR MESSAGES AND CORRECTION PROCEDURES

8-8. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. ERROR ON LUN=XXX.
 VSAM ERROR RETURN CODE
 ACTION CODE=1
 KEYS(IN HEX)=XXXXXXXXXXXXXXXXXXXX
 RECORD TYPE=XXX
 SPARE VARIABLE 1=XXXXXX
 SPARE VARIABLE 2=XXXXXX
 TRACE BACK
 0 CALL REQUEST OFFICE
2. ERROR: TEXT MUST END WITH A PERIOD - QUIT.
3. XX ERR READ WHAT AND WHERE RECORD 2 GRDDIC.
4. XX INVALID I/O OPTION.
5. XXX IS INVALID PRIMARY POINTER (ACTION 6 IN SI008).
6. XXX IS NOT A VALID POSITION OF A LOCID.
7. XXX IS NOT A VALID UPDATE TYPE.
8. NO SINK AVAILABLE FOR LUNXXX.
9. 0 SI008 HANDLES ACT=6 ONLY FOR TYPE = 13.

10. XX THIS ACTION NOT VALID FOR LUN15.
11. VMCF ERROR = XXXXXXXX FOR LUNXXX.
12. VSAM ERROR = XXXX ON LUNXXX.
13. NO MORE TRIES.

8-9. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 8-3
Operation Errors.

MESSAGE: XXXXXXXXXX XXXXX XXXXX DOES NOT HAVE AN ASSIGNMENT.

ACTION: The user has entered an SSN for an individual who has no assignment. Select and enter another social security number.

MESSAGE: ERROR - INVALID SSN

ACTION: The user has entered an invalid social security number. Enter a valid SSN.

MESSAGE: INVALID LOCID - TRY AGAIN

ACTION: The user has entered an incorrect location ID. Check the location ID and enter the correct ID when GETREC prompts for it again.

MESSAGE: SSN NOT FOUND FOR YOUR LOCATION

ACTION: The social security number entered was either not in the range of acceptable SSNs or was not found at the location entered. Select and enter another SSN.

Chapter 9 RMSHELP PROGRAM

Section I PROGRAM SUMMARY

9-1. Purpose.

The RMSHELP program allows managers to send on-line messages to RMS users. By entering a key word specified by managers, users will receive a message of up to 10 lines of information about the specified subject. While RMS managers can update messages and add new messages, MEPS and RECSTA users can report only.

9-2. Applicability.

The RMSHELP program is accessed by the following user groups:

- a. KEYSTONE Branch
- b. Reception Stations
- c. Guidance Counselors/District Recruiting Command

9-3. Functions.

RMSHELP has five functions. These include:

- a. *Report.* RMSHELP allows managers and users to report the contents of any RMS message by specifying a key word.
- b. *List.* RMSHELP allows managers to list the RMS key words to messages displayed by the program.
- c. *Add.* RMSHELP allows managers to create a new message containing up to 10 lines of text, with a maximum of 72 characters per line. Managers can specify a key word by which users may access the message.
- d. *Change.* RMSHELP allows managers to change an existing message. In the Change mode, the entire message must be reentered.
- e. *Delete.* RMSHELP allows managers to delete current RMS messages.

Section II INPUT REQUIREMENTS

9-4. Data Items.

RMSHELP requires the user to enter the valid name for the key word to the message which is to be reported. The List mode of RMSHELP will generate a list of all names which are currently valid.

9-4A. Title not used.

Paragraph not used.

Section III PROGRAM OPERATION

9-5. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters RMSHELP and depresses the carriage return key. The RMSHELP program is now ready to communicate with the user.

9-6. Procedures.

Follow the procedures described below to execute RMSHELP. Figures 9-1, 9-2 and 9-3 are samples of RMSHELP procedures.

Table 9-1
Procedures.

RMSHELP: REPORT, ADD, CHANGE, DELETE, LIST OR END. (R, A, C, D, L, E)?

USER:

1. To report, enter R.
 2. To add a new message, enter A.
 3. To change a current message, enter C.
 4. To delete a current message completely, enter D.
 5. To list key words to RMS messages which RMSHELP describes, enter L. The RMS key words are listed, and the prompt above is repeated.
 6. To end, enter E. The program then terminates.
 7. Depress the carriage return key.
-

RMSHELP: ENTER NAME OR #END#

USER:

1. To report, enter the name of an RMS key word listed by RMSHELP. A message description is printed, and the program returns to the previous prompt.
 2. To add a new message, enter the name for the key word of the new message.
 3. To change a current message, enter the name of the key word of the message to be changed. Skip the following prompt.
 4. To delete a current message completely, enter the name of an RMS key word listed by RMSHELP. Skip the following prompt.
 5. To return to the previous prompt without entering anything, enter END.
 6. Depress the carriage return key.
-

RMSHELP: ENTER UP TO 10 LINES OF TEXT (MAX 72 CHAR PER LINE OR #NOMO#)LINE 1: (blank line)

USER:

1. To add a new message, type in the text to a maximum size of 72 characters, on the blank line below the line number prompt. Repeat this procedure for up to 10 lines of text.
 2. Enter NOMO under the line number prompt which comes after the last line of the new message has been typed. The program returns to the initial prompt.
-

RMSHELP: DISPLAY? (Y OR N)

USER:

1. To display the current message, enter Y. The current message is printed.
 2. To proceed without displaying the current message, enter N.
 3. If the current message is to be changed, proceed to the following prompt. If the current message is to be deleted, skip the following prompt.
 4. Depress the carriage return key.
-

RMSHELP: ENTER UP TO 10 LINES OF TEXT (MAX 72 CHAR PER LINE OR #NOMO#)

LINE 1:

USER:

1. To change a current message, type in the revised text on the blank line below the line number prompt. If any lines from the current message are to be retained, they must be typed in again at this time; sections of the current message will not be retained automatically.
 2. Repeat this procedure for up to 10 lines of text. Enter NOMO under the line number prompt which comes after the last line of the revised message has been typed. The program returns to the initial prompt.
 3. Depress the carriage return key.
-

RMSHELP: DELETE? (Y OR N)

USER:

1. To delete all lines of the current message specified by the user, enter Y. The program then returns to the initial prompt.
 2. To retain all lines of the current message specified by the user, enter N. The program then returns to the initial prompt.
-

REPORT, ADD, CHANGE, DELETE, LIST OR END (R, A, C, D, L, E)? R
ENTER NAME OR *END* BTLOC

ADD, DEL, CHANGE BT LOCATION NAME.
PROGRAM ALSO REPORTS/UPDATES BT-RECSTA ASSOCIATIONS.

REPORT, ADD, CHANGE, DELETE, LIST OR END (R, A, C, D, L, E)? E

Figure 9-1. RMSHELP Report mode.

REPORT, ADD, CHANGE, DELETE, LIST OR END (R, A, C, D, L, E)? C
ENTER NAME OR *END* BTLOC
DISPLAY?(Y OR N) Y

ADD, DEL, CHANGE BT LOCATION NAME.
PROGRAM ALSO REPORTS/UPDATES BT-RECSTA ASSOCIATIONS.

ENTER UP TO 10 LINES OF TEXT (MAX 72 CHAR PER LINE OR *NOMO*)

LINE 1:

ADD, DELETE, CHANGE BT LOCATION NAMES. PROGRAM ALSO REPORTS/UPDATES

LINE 2:

BT-RECSTA ASSOCIATIONS.

LINE 3:

NOMO

REPORT, ADD, CHANGE, DELETE, LIST OR END (R, A, C, D, L, E) E

Figure 9-2. RMSHELP Change mode.

REPORT, ADD, CHANGE, DELETE, LIST OR END (R, A, C, D, L, E)? D
ENTER NAME OR *END* BTLOC

DISPLAY?(Y OR N) Y

ADD/DELETES/CHANGES BT LOCATION NAMES.
THE PROGRAM ALSO REPORTS/UPDATE BT-RECSTA ASSOCIATIONS.

DELETE? (Y OR N) Y

REPORT, ADD, CHANGE, DELETE, LIST OR END (R, A, C, D, L, E)? E

Figure 9-3. RMSHELP Delete mode with current message displayed.

Section IV OUTPUT DESCRIPTION

9-7. Output.

In the Report mode, RMSHELP provides the user with a message associated with a specified key word.

9-7A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

9-8. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. SOMETHING WRONG WITH HEAD RECORD ERROR=XXXXXX
2. RECORD IS NOT ON FILE
3. SOMETHING WRONG WITH RMSHELP RECORD, ERROR=XXXXXX
4. VSAM ERROR=XXXX ON LUN XXX
5. VMCF ERROR=XXXXXXXX FOR LUN XXX
6. NO SINK AVAILABLE FOR LUN XXX
7. ERROR: NON-INTEGGER USER-ID-USEGET.
8. NAME XXXX XXXX DOES NOT EXIST ON HEAD RECORD
9. SOMETHING WRONG WITH WRITING IN RMSHELP FILE, ERR=XXX
10. SOMETHING WRONG WITH UPDATING OF HEAD RECORD, ERR=XXXX

9-9. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 9-2
Operation Errors.

MESSAGE: RECORD ALREADY EXISTS

ACTION: The user has tried to add a message whose key word already exists on the file. Select and enter a new key word.

MESSAGE:

RECORD IS NOT FILE

REPORT, ADD, CHANGE, DELETE, LIST, OR END (R, A, C, D, L, E)?

ACTION: The user has tried to report, change or delete a message by entering a key word which is not on the file of current RMS messages. Current key words are displayed by the List mode.

MESSAGE: INVALID ANSWER. TRY AGAIN.

ACTION: The user has entered an answer other than R, A, C, D, L, or E. Enter an R, A, C, D, L, or E.

9-9A. Title not used.

Paragraph not used.

Chapter 10

RMSBAT PROGRAM

Section I

PROGRAM SUMMARY

10-1. Purpose.

The RMSBAT program reports and updates quotas and reservations for a user-specified range of Basic Airborne Training (BAT) class dates.

10-2. Applicability.

The RMSBAT program is accessed by the following user groups:

- a. KEYSTONE Branch.

10-3. Functions.

RMSBAT has two functions. These include:

a. Reports. RMSBAT reports the maximum number (quota) of BAT reservations allowed and the actual number of BAT reservations made for the user-specified date.

b. Updates. RMSBAT allows the user to update both the maximum number (quota) of BAT reservations allowed and the actual number of BAT reservations made for the user-specified date.

Section II

INPUT REQUIREMENTS

10-4. Data Items.

RMSBAT requires the user to enter the items described below in table 10-1.

Table 10-1
RMSBAT input data items.

Field Name	Field Label	Content Description
Start date	START DATE (8)	Enter the earliest BAT weekly class date to be reported or updated, in DD/MM/YY format, including the slashes. If the date entered is not a Friday, RMSBAT internally changes the date to the Friday following the user-specified date. If the date entered is earlier than the start week stated in the program's initial prompt, RMSBAT ignores the user-specified date and begins its report with the start date on the BAT file.
End date	END DATE (8)	Enter the latest BAT weekly class date to be reported or updated, in DD/MM/YY format, including the slashes. If the date entered is not a Friday, RMSBAT internally changes the date to the Friday following the user-specified date. If the date entered is later than the end date stated in the program's initial prompt, RMSBAT ignores the user-specified date and ends its report with the end date on the BAT file.
ORI	ORI (511)	Enter a positive number between 0 and 511 to declare the maximum number (quota) of BAT reservations allowed for the user-specified date.
Reservations	RES (511)	Enter a positive number between 0 and 511 to declare the number of BAT reservations actually made for the user-specified date.

10-4A. Title not used.

Paragraph not used.

Section III

PROGRAM OPERATION

10-5. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message.

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters RMSBAT and depresses the carriage return key. The RMSBAT program is now ready to communicate with the user.

10-6. Procedures.

Follow the procedures described below to execute the RMSBAT program. Figure 10-1 is a sample execution of RMSBAT.

Table 10-1A
Procedures.

RMSBAT:

BAT WEEKLY CLASS QUOTA REPORT AND UPDATE PROGRAM
START WEEK ON FILE XX/XX/XX
END WEEK ON FILE XX/XX/XX
REPORT, UPDATE, END?

USER:

1. To report, enter R.
2. To update, enter U.
3. To end the session, enter E.
4. Depress the carriage return key.

RMSBAT: START DATE/END DATE

USER:

Table 10-1A
Procedures.—Continued

1. To report, enter the earliest and the latest BAT weekly class dates to be reported. The report is printed, and the program returns to the initial prompt.
2. To update, enter the earliest and the latest BAT weekly class dates to be updated. Proceed to the next prompt.
3. Depress the carriage return key.

RMSBAT:

XX/XX/XX XX/XX/XX
 ORI/RES ORI/RES
 // //

USER:

1. To update a BAT quota (ORI) or reservation (RES), enter a positive number between 0 and 511 under the appropriate header. The program returns to the initial prompt.
2. Depress the carriage return key.

```

REPORT, UPDATE, END?  U

START DATE/END DATE
4/9/81        11/9/81

  4/ 9/81        11/ 9/81
ORI/ RES        ORI/ RES
  0   0        360 305
   /   /        /   /
                   370
REPORT, UPDATE OR END?E
  
```

Figure 10-1. RMSBAT Update mode.

```

REPORT, UPDATE, END?  R

START DATE/END DATE
4/9/81        11/9/81

  4/ 9/81        11/ 9/81
ORI/ RES        ORI/ RES
  0   0        370 305
REPORT, UPDATE, END?E
  
```

Figure 10-2. RMSBAT-Report mode.

Section IV
OUTPUT DESCRIPTION

10-7. Output.

RMSBAT provides a report of BAT quotas and reservations. Table 10-2 contains a description of the RMSBAT output fields.

Table 10–2
RMSBAT output data items.

Field Name	Field Label	Content Description
ORI	ORI (511)	A positive number between 0 and 511 reporting the maximum number (quota) of BAT reservations allowed for the user-specified weekly class date.
Reservations	RES (511)	A positive number between 0 and 511 reporting the number of BAT reservations actually made for the user-specified weekly class date.

10–7A. Title not used.

Paragraph not used.

Section V **ERROR MESSAGES AND CORRECTION PROCEDURES**

10–8. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

```
ERROR ON LUN = XXX
  VSAM ERROR RETURN CODE = XXXX
  ACTION CODE = XXX
  KEYS (IN HEX) = XXXXXXXXXXXXXXXXX
  RECORD TYPE = XXX
  SPARE VARIABLE 1 = XXXXXX
  SPARE VARIABLE 2 = XXXXXX
VSAM ERROR = XXXX ON LUN XXX
VMCF ERROR = XXXXXXXX FOR LUN XXX
NO SINK AVAILABLE FOR LUN XXX
ERROR: NON-INTEGGER USERID-USEGET.
```

10–9. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 10–3
Operation Errors.

MESSAGE: PURGE NOT AVAILABLE TO THIS ID

ACTION: The ID which has been entered does not enable the user to purge the file. Only users with valid IDs may purge the file.

MESSAGE: REFERENCE DATE SHOULD BE A FRIDAY DATE

ACTION: The user entered a date that was not a Friday date. Enter a Friday date.

MESSAGE: NEW REFERENCE DATE IS EARLIER THAN OLD REFERENCE DATE

ACTION: The user entered a date prior to the old reference date. Enter a date which comes after the old reference date.

MESSAGE: UPDATE NOT AVAILABLE TO THIS ID

ACTION: The ID which has been entered does not enable the user to update the file. Enter a valid ID to update the file.

MESSAGE: NEGATIVE NUMBERS NOT PERMITTED — CHANGING XXXX TO 0

ACTION: The user entered a negative number. The program will automatically change the negative number to 0.

MESSAGE: MAXIMUM NUMBER PERMITTED IS 511 — CHANGING XXXX TO 511

ACTION: The user entered a number greater than 511. The program will automatically change the number entered to 511.

Chapter 11 VRQSTR PROGRAM

Section I PROGRAM SUMMARY

11-1. Purpose.

The VRQSTR program enables users to make reservations for volunteers and REQUEST Delayed Entry Program Personnel (DEPs). The VRQSTR program is run after a volunteer record has been created via the BUILDREC program, or a DEP record has been created by AARQST or ARRQST and updated by BUILDREC.

11-2. Applicability.

The VRQSTR program is accessed by the following user groups:

- a. KEYSTONE Branch
- b. Reception Stations
- c. Guidance Counselors/District Recruiting Command

11-3. Functions.

VRQSTR has two functions. These include the Reservation, mode and the Search mode.

a. *Reservation mode.* The Reservation mode enables users to assign volunteers and DEPs to MOSs and training classes. The reservation function should be used for individuals who desire a specific MOS.

b. *Search mode.* The Search mode is used for individuals who may not know to which MOS they would like to be assigned. The Search mode, therefore, displays up to 5 MOSs that the enlistee would be qualified to fill. The individual then chooses one of the available MOSs and is assigned to it. The Search mode may not be used for enlistment types Prior Service Civilian Acquired Skill (PCAS) or Civilian Acquired Skill (CAS). Valid dates for the search mode are the current Reception Station (RECSTA) week or the two weeks following the current RECSTA week.

Section II INPUT REQUIREMENTS

11-4. Data Items.

VRQSTR requires the user to enter the items described below in table 11-1.

Table 11-1
VRQSTR input data items.

Field Name	Field Label	Content Description
Social security number	SOCIAL SECURITY NO. (9)	Enter the enlistee's social security number
Location ID	LOCID (4)	Enter the MEPS location ID.
Reception station date	RECSTA DATE (8)	Enter a Monday RECSTA date that is within the date range of the current RECSTA Monday plus 14 days. VRQSTR has a "window" for RECSTA dates of 3 weeks only, regard-less of the number of RECSTA weeks on the RMS Quota file.
Enlistment date	ENL DATE (8)	Enter the desired four-digit MOS code.
MOS code	MOS (4)	Enter the desired four-digit MOS code.
Reservation selection number	SELECTION NUMBER (2)	Enter the selection number representing the desired MOS code (for the search mode only). This is the number that is displayed next to the corresponding MOS (see table 11-3).

11-4A. Title not used.

Paragraph not used.

Section III

PROGRAM OPERATION

11-5. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters VRQSTR and depresses the carriage return key. The VRQSTR program is now ready to communicate with the user.

11-6. Procedures.

Follow the procedures described below to execute the VRQSTR program. Refer to figures 11-1 and 11-2 for samples of VRQSTR output.

Table 11-1A
Procedures.

VRQSTR: RESERVATION(R), SEARCH(S), OR END(E)?

USER:

1. To make a reservation for a specific MOS, enter R and refer to table 11-2 for the correct procedures.
2. To choose from a list of available MOSs to make a reservation, enter S and refer to table 11-3 for the correct procedures.
3. To terminate the program, enter E.
4. Depress the carriage return key.

Table 11-2
VRQSTR Reservation mode procedures.

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
1. SOCIAL SECURITY NO. OR END(E)	1. To exit the prompt, enter E.	8
	2. To make a reservation, enter the desired social security number.	2
	3. Depress the carriage return key.	
2. ENTER LOCID:	Enter the desired location ID and depress the carriage return key. The program then prints out the enlistee's record.	3
3. IS THIS RECORD CORRECT??	1. If the record is incorrect, enter N. The program instructs the user to run BUILDREC and terminates.	
	2. If the record is correct, enter Y.	4
	3. Depress the carriage return key.	
4. ENTER RECSTA DATE/ENL DATE/MOS	1. Enter a RECSTA date within six days of the enlistment date, the date the volunteer enlisted, and the desired MOS code.	6
	(If the enlistment type is prior service (PS) or PCAS, VRQSTR proceeds to prompt 5).	5

Table 11–2
VRQSTR Reservation mode procedures.—Continued

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
5. BCT/BT /AIT	1. If basic training or basic combat training is desired, enter Y directly below the prompt for BCT/BT. If neither is desired, enter N below the prompt. 2. If AIT is desired, enter Y directly below the prompt for AIT. If it is not desired, enter N below the prompt. 3. Depress the carriage return key. 4. If the MOS has additional requirements, VRQSTR proceeds to prompt 6. 5. If there are no additional requirements, the program displays the reservation. 6. If a reservation cannot be made, VRQSTR proceeds to prompt 7.	6 8 7
6. ***PLEASE CHECK FOR THE FOLLOWING*** (The program displays the additional requirements) *CAN INDIVIDUAL MEET THESE REQUIREMENTS?*** YES (Y) OR NO (N)?	1. If the individual can meet the additional requirements, enter Y. a. If a reservation can be made, the program displays the reservation. b. If a reservation cannot be made, VRQSTR proceeds to prompt 7. 2. If the individual cannot meet the additional requirements, enter N. 3. Depress the carriage return key.	8 7
7. NO AIT AVAILABLE FOR THE MOS/RECEPTION STATION DATE ENTERED. ASSIGN TO BE ONLY (Y OR N)?	1. If a reservation cannot be made but basic training is desired, enter Y. VRQSTR prints the BT location and date. 2. If the reservation cannot be made and BT is not desired, enter N. 3. Depress the carriage return key.	8 8
8. RESERVATION(R), SEARCH(S), OR END(E)?	Select and enter the desired mode.	

Table 11–3
VRQSTR Search mode procedures.

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
1. SOCIAL SECURITY NO. OR END(E)	1. To exit the prompt, enter E. 2. To make a reservation, enter the inductee's social security number. 3. Depress the carriage return key.	8 2
2. ENTER LOCID:	Enter the desired location ID and depress the carriage return key.	3
3. DISPLAY RECORD (Y OR N)?	1. To display the individual's record, enter Y and depress the carriage return key. The record will be displayed, and the program will proceed to prompt 4. 2. If no record display is desired, enter N and depress the carriage return key.	4 4
4. **IS THIS RECORD CORRECT??	1. If the record is correct, enter Y. 2. If the record is incorrect, enter N. The program displays a message to run BUILDREC to correct the record and then terminates. 3. Depress the carriage return key.	5

Table 11-3
VRQSTR Search mode procedures.—Continued

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
5. ENTER RECSTA DATE/ENL DATE	1. Enter a reception station date in DD/MM/YY format, which falls within six days of the enlistment date and enter the date the volunteer enlisted, in DD/MM/YY format. 2. Depress the carriage return key.	6
6. VRQSTR displays a list of five MOS codes and their corresponding titles in the following format. 1 – XXXX MOS title	1. To make a reservation, enter 1, 2, 3, 4, or 5; the number preceding the desired MOS code. a. If the MOS has additional requirements, VRQSTR proceeds to prompt 7. b. If there are no additional requirements, the volunteer's reservation is displayed.	7 1
2 – XXXX MOS title	2. If none of these MOSs is desired, enter C to continue displaying available MOSs. VRQSTR will display up to 5 available MOSs for which the volunteer is eligible. 3. To terminate the reservation, enter E.	6
3 – XXXX MOS title		
4 – XXXX MOS title	4. Depress the carriage return key.	
5 – XXXX MOS title		
ENTER SELECTION NUMBER TO MAKE RESERVATION, CONTINUE SEARCH(C) OR END(E)?		7
7. ***PLEASE CHECK FOR THE FOLLOWING*** The program lists the additional requirements. **CAN INDIVIDUAL MEET THESE REQUIREMENTS YES (Y) OR NO (N)?	1. If the individual meets these requirements, enter Y. VRQSTR displays the reservation. 2. If the individual cannot meet these requirements, enter N.	1 8
8. ASSIGN TO BE ONLY (Y OR N)?	1. Enter Y to assign the volunteer to basic training. VRQSTR prints the BT assignment. 2. Enter N to make no reservation or assignment to basic training. 3. Depress the carriage return key.	1 9
9. RESERVATION(R), SEARCH(S), OR END(E)?	Select and enter the desired mode.	

RESERVATION(R), SEARCH(S), OR END(E)? R
 SOCIAL SECURITY NO. OR END(E) 66666666
 ENTER LOCID: AK7
 SOC-SEC-# /NAME /CIT/SX/RACE /BIRTHDATE/
 66666666 MARY JONES Y F C-CAUCASN 5/ 5/55
 CIV ED /DVR LI/TYPE /PHY PROF/C-P / MATH/ SCI/SEC/S-S-SON/CONC-OBJ/
 12 HSDG Y NPS 111111 NOR TRI CHE X N N
 AFQT/ GT / GM / EL / CL / MM / SC / CO / FA / OF / ST / AP / MVD/DLAB/
 100 120 120 120 120 120 120 120 120 120 120 120 120 120
 HEIGHT/BAT/DESIRED MO/COL-MAJ/COR-VIS/ELECTR/LANGUAGE/
 67 Y 1181 N N N ENG

**IS THIS RECORD CORRECT?? Y
 ENTER RECSTA DATE/ENL DATE/MOS
28/12/82 23/12/82 1181

```

*****
*          66666666        MARY JONES          *
*                                                                    *
*  RECSTA/      BCT LOC/      AIT LOC/      2ND AIT/      BAT LOC/      *
*    DATE        DATE        DATE        DATE        DATE        *
*  -----      -----      -----      -----      -----      *
*  MCCLELL      MCCLELL      SILL      NONE      NONE      *
*  28/12/82      1/ 1/83      3/ 3/83      0/ 0/ 0      0/ 0/ 0      *
*                                                                    *
*          AFEEs LOCID = AK7      ENLISTMENT DATE = 23/12/82      *
*                                                                    *
*****
  
```

RESERVATION(R), SEARCH(S), OR END(E)? E

Figure 11-1. VRQSTR Reservation mode.

RESERVATION(R), SEARCH(S), OR END(E)? S
 SOCIAL SECURITY NO. OR END(E) 333333333
 ENTER LOCID: 6A9
 DISPLAY RECORD (Y OR N)? Y
 SOC-SEC-# /NAME /CIT/SX/RACE /BIRTHDATE/
 333333333 SUSAN JONES Y F C-CAUCASN 5/ 5/55
 CIV ED /DVR LI/TYPE /PHY PROF/C-P / MATH/ SCI/SEC/S-S-SON/CONC-OBJ/
 12 HSDG Y NPS 1111111 R/G ALG BIO X N N
 AFQT/ GT / GM / EL / CL / MM / SC / CO / FA / OF / ST / AP / MVD/DLAB/
 99 120 120 120 120 120 120 120 120 120 120 120 120 120
 HEIGHT/BAT/
 67 N

**IS THIS RECORD CORRECT?? Y
 ENTER RECSTA DATE/ENL DATE
28/12/82 23/12/82

- 1 - 12E1
ATOMIC DEMOLITION MUNITIONS SPECIALIST
- 2 - 12F1
ENGINEER TRACKED VEHICLE CREWMAN
- 3 - 05B1
RADIO OPERATOR
- 4 - 62F1
LIFTING AND LOADING EQUIPMENT OPERATOR

ENTER SELECTION NUMBER TO MAKE RESERVATION, CONTINUE SEARCH(S), OR END(E)?
1

*** PLEASE CHECK FOR THE FOLLOWING ***

ELIG SECRET CLNC

*** CAN INDIVIDUAL MEET THESE REQUIREMENTS? ***

YES (Y) OR NO (N)? Y

```
*****
*          333333333      SUSAN JONES          *
*                                                                 *
*  RECSTA/      BCT LOC/      AIT LOC/      2ND AIT/      BAT LOC/      *
*    DATE        DATE        DATE        DATE        DATE        *
*  -----      -----      -----      -----      -----      *
*  JACKSON      JACKSON      LWOOD      WREED      NONE          *
*                                                                 *
*  28/12/82      1/ 1/83      19/ 2/83      21/ 5/83      0/ 0/ 0      *
*                                                                 *
*  AFES LOCID = 6A9      ENLISTMENT DATE = 23/12/82          *
*****
```

SOCIAL SECURITY NO. OR END(E) E

Figure 11-2. VRQSTR Search mode.

Section IV

OUTPUT DESCRIPTION

11-7. Output.

Because the RMS subsystem has the capability of modifying required factors on volunteer records, the information on these records will vary. The MOS codes and their corresponding titles will vary according to the volunteer's qualifications. Refer to table 11-4 for sample VRQSTR output that does not vary.

Table 11-4
VRQSTR output data items.

Field Name	Field Label	Content Description
Social security number	None	The volunteer's nine-digit social security number.
Name	None	The volunteer's name.
Reception station and RECSTA date	RECSTA/DATE	The reception station to which the volunteer is assigned and the date on which the volunteer is to arrive.
Basic combat training location and date	BCT LOC/DATE	The BCT location to which the volunteer is assigned and the date BCT is to begin.
AIT location and date	AIT LOC/DATE	The AIT location to which the volunteer is assigned and the date AIT is to begin.
Second AIT location and date	2ND AIT/ DATE	The second AIT location to which the volunteer is assigned (if assigned a prerequisite MOS) and the date this AIT class is to begin.
Basic airborne training location and date	BAT LOC/DATE	The BAT location to which the volunteer is assigned and the date this class is to begin.
AFEES location ID	AFEES LOCID	The AFEES LOCID.
Enlistment date	ENLISTMENT DATE	The user-specified enlistment date.

11-7A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

11-8. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. ERROR IN ACMRMS ROUTINE.
2. XXX ACMLOCID RECORD NOT DECREMENTED - PROCESSING CONTINUES - NOTIFY REQUEST OFFICE.
3. ERROR READING QTA FILE (AITRMS).
4. ERROR IN UPDATING QTA FILE (AITRMS).
5. LOCATION NOT ON AIT FILE.
6. PRI BCT LOC INVALID FOR AIT LOC
7. SCD BCT LOC INVALID FOR AIT LOC
8. PRI BCT LOC INVALID FOR AFEES LOC
9. SCD BCT LOC INVALID FOR AFEES LOC
10. IDIM - BINARY- INVALID DIMENSION IN BINARY SEARCH.
11. NEGATIVE # OF QUALS FOUND FOR THIS MOS (CKVLQL).
12. INVALID VTYP (XXX) FOR FACTOR XXXX
13. PROBLEM IN DISPLAY ROUTINE - CALL RQST OFFICE.
14. *** FAILED TEST****
15. ERROR IN EVAL ROUTINE.
16. ERROR ON LUN = XXX

VSAM ERROR RETURN CODE = XXXX
 ACTION CODE = XXX
 KEYS (IN HEX) = XXXXXXXX
 RECORD TYPE = XXX
 SPARE VARIABLE 1 = XXXXXX
 SPARE VARIABLE 2 = XXXXXX

17. CALL REQUEST OFFICE.
18. NO MORE TRIES.
19. INVALID ACTION CODE – MSI002
20. INVALID TYPE FOR ACTION XXX
21. ERROR IN MOVECH – MOVE = XXX – MSI002
22. KEY(6) = XXXX INVALID RECORD NUMBER FOR ACTION 6
23. COUNTER = XXX INVALID FOR ACTION 6
24. VALUE = XXX INVALID FOR ACTION 6
25. ERROR IN MOVING CHAR – OCSQAL.
26. ERROR IN OPIND.
27. ERROR USING MOVECH IN PDHOLD.
28. CALCULATED AIT DATE NOT IN RECAIT ARRAY (PHASIT).
29. NO RECSTA DATE FOUND FOR AIT IN RECAIT (PHASIT).
30. LREL = XXXXXXXXXX
31. ERROR IN PHYPRO ROUTINE.
32. PROBLEM WITH LINKLC TABLE.
33. ERROR: TEXT MUST END WITH A PERIOD – QUIT.
34. ERROR IN QUAL – MOS XXXX NOT IN QUAL FILE
35. ERROR IN QUAL.
36. RECORD NOT FOUND ON RECSTA RECRUIT INDEX – UPDATE NOT PERFORMED
37. VSAM ERROR = XXXX ON LUN XXX
38. VMCF ERROR = XXXXXXXX FOR LUN XXX
39. NO SINK AVAILABLE FOR LUN XXX
40. SI008 HANDLES ACT=6 ONLY FOR TYPE=13.
41. IS NOT A VALID UPDATE TYPE.
42. IS NOT A VALID LOCID.
43. IS INVALID PRIMARY POINTER (ACTION 6 IN SI008).
44. ERROR IN SI009 TYPE.
45. ACT=5 NOT ALLOWED FOR TYPE=1.
46. ERROR IN COUNT AND VALUE ARGUMENTS IN SI009.
47. ACT=6 ONLY ALLOWED FOR TYPE 7 THROUGH 10.
48. INVALID I/O OPTION.
49. INVALID NUMREC IN SI015.
50. THIS ACTION NOT VALID FOR LUN15.
51. READMANY IN SI048 ONLY ALLOWED FOR TYPES 2, 4, 5, 6.
52. ERROR IN UPDATE ARGUMENTS CALLING SI048.
53. INVALID OPTION – SI077.
54. THIS MOS REQUIRES XXXXXXXXXX AND XXXX
55. THIS MOS REQUIRES XXXXXXXXXX
56. RECRUIT RECORD MISSING VALUE FOR XXXX
57. VALUE (IN HEX) OF XXXXXXXX NOT FOUND IN TRANSLATION TABLE FOR XXXX
58. MINIMUM VALUE FOR XXXX IS XXXX
59. VALUE FOR XXXX MUST BE BETWEEN XXXXXXXXXX AND XXXXXXXXXX
60. RETURN FROM PHYPRO FLG = XXX
61. ERROR IN TESTIT ROUTINE.
62. FAILURE = UPHOLD ROUTINE.
63. PLEASE USE BUILDREC PROGRAM TO CORRECT RECORD
64. CLASS RECORD NOT FOUND SINK CORE (VOLAIT).
65. AIT LOC NOT FOUND (VOLAIT).
66. XXXX REQUIRES XXXX AS A PREREQUISITE.
67. NO AIT AVAILABLE FOR THE MOS/RECEPTION STATION DATE ENTERED.
68. **** TRACE BACK****

ENTRY POINT ENTRY ADDRESS RETURN ADDRESS

69. INVALID LOCID (VOLRES).

11–9. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 11–5
Operation Errors.

MESSAGE: MOS ENTERED IS FOR MALES ONLY.

ACTION: The user has attempted to assign a female volunteer to an MOS that is available only to males. Select and enter a valid MOS for females.

MESSAGE: MOS ENTERED IS FOR FEMALES ONLY.

ACTION: The user has attempted to assign a male volunteer to an MOS that is available only to females. Select and enter a valid MOS for males.

MESSAGE: CONSCIENTIOUS OBJECTOR NOT ALLOWED FOR THIS MOS.

ACTION: The user has attempted to assign a conscientious objector to an MOS that is closed to conscientious objectors. Select and enter a valid MOS.

MESSAGE: SOLE SURVIVING SON/DAUGHTER NOT ALLOWED FOR THIS MOS.

ACTION: The user has attempted to assign a sole surviving son or daughter to an MOS that is closed to a sole surviving son/daughter. Select and enter a valid MOS.

MESSAGE: INVALID LOCID - TRY AGAIN

ACTION: The user has entered an invalid LOCID. The user has two more attempts to enter a valid LOCID.

MESSAGE: RECSTA DATE XX/XX/XX IS NOT WITHIN RANGE OF QUOTA FILE.

ACTION: The user has entered an out-of-range date. Select and enter a valid RECSTA date.

MESSAGE: ENLISTMENT DATE MUST BE WITHIN 6 DAYS OF RECEPTION STATION DATE

ACTION: The user has entered a RECSTA date that is out of range. Enter an enlistment date which is within six days of the RECSTA date.

MESSAGE: ENLISTMENT DATE MUST BE GREATER THAN OR EQUAL TO TODAY

ACTION: The user has entered an enlistment date that is previous to the current date. Enter an enlistment date that is equal to or greater than the current date.

MESSAGE: MOS XXXX NOT ON QUAL FILE.

ACTION: The user has entered an invalid MOS code. Select and enter a valid MOS.

MESSAGE: SSN NOT FOUND FOR YOUR LOCATION

ACTION: The user has entered an invalid SSN for a location ID. Select and enter a valid SSN for the specified location ID.

MESSAGE: XXXXXXXX HAS AN ASSIGNMENT ALREADY

ACTION: The user has attempted to make an assignment for an individual who already has an assignment. Only individuals with no assignment may be processed through this program.

MESSAGE: CAS LIMIT MET FOR XXXX

ACTION: The user has attempted to assign a CAS or PCAS volunteer to an MOS that has filled its CAS quota. Select and enter a valid MOS for CAS or PCAS individuals.

MESSAGE: INVALID SSN

ACTION: The user has entered an invalid SSN. Enter a valid nine-digit SSN.

MESSAGE: XXX IS AN INVALID SELECTION NUMBER.

ACTION: The user has attempted to enter an invalid selection number to make a reservation during the Search mode. Enter a valid selection number that precedes the desired MOS to make a reservation.

MESSAGE: ONLY NPS AND PS MAY USE SEARCH MODE

ACTION: The user has attempted to make a reservation via the Search mode for a CAS or PCAS individuals. The user must make the reservation for these types in the Reservation mode.

MESSAGE: MOS NOT VALID FOR NPSR.

ACTION: The user has attempted to assign a non-prior service reserve (NPSR) individual to an MOS that is closed to NPSR. Select and enter a valid MOS for NPSR types.

MESSAGE: MOS NOT ELIGIBLE FOR CAS.

ACTION: The user has attempted to assign a CAS volunteer to an MOS that is not valid for CAS. Select and enter a valid MOS for CAS types.

Chapter 12 MRIVAL PROGRAM

Section I PROGRAM SUMMARY

12-1. Purpose.

The MRIVAL program generates five different report type of expected arrivals for a user specified reception station and enlistment date. The user can generate as many reports as desired in one session.

12-2. Applicability.

The MRIVAL program is accessed by the following user groups:

- a. KEYSTONE Branch.
- b. Reception Stations.
- c. TRADOC.

12-3. Options.

MRIVAL has 5 report options.

- a. Option A generates the report listing all expected arrivals for a user-specified reception station and enlistment date.
- b. Option B generates the totals report for a user-specified reception station and enlistment date.
- c. Option C generates a report which combines A and B above.
- d. Option D generates the total report for all LOCIDs for a user-specified enlistment date.
- f. Option F generates a report listing arrivals for the user-specified reception station and date, plus a totals report for all LOCIDs for the specified date.

Section II INPUT REQUIREMENTS

12-4. Data Items.

MRIVAL requires the user to enter the items described below in table 12-1.

Table 12-1
MRIVAL input data items.

Field Name	Field Label	Content Description
Location ID	LOCID (3)	Enter the valid LOCID for the desired reception station (management users only)
Enlistment date	ENLISTMENT DATE (8)	Enter the desired enlistment date in DD/MM/YY format.

12-4A. Title not used.

Paragraph not used.

Section III PROGRAM OPERATION

12-5. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters MRIVAL and depresses the carriage return key. The MRIVAL program is now ready to communicate with the user.

12-6. Procedures.

Follow the procedures described below to execute the MRIVAL program. Refer to figures 12-1, 12-2 and 12-3 for sample MRIVAL outputs.

Table 12-1A
Procedures.

MRIVAL: ENTER LOCID:

USER: Enter the valid LOCID for a desired reception station and depress the carriage return key (management users only).

MRIVAL: ENTER ENLISTMENT DATE AS DD/MM/YY OR END(E)

USER:

1. To terminate processing, enter E.
 2. To generate the desired report, enter the enlistment date in DD/MM/YY format.
 3. Depress the carriage return key.
-

MRIVAL: The program generates the desired report and continues to prompt the user for more enlistment dates until the user enters E.

USER: N/A

MRIVAL: SELECT REPORT MODE (A, B, C, D, F, OR E)

USER:

1. Select and enter the desired report type (A, B, C, D or F) from the list displayed. See paragraph 12-3.
 2. Enter E to terminate the program.
 3. Depress the carriage return key.
-

ENTER LOCID: 2LA
ENTER ENLISTMENT DATE - AS
DD/MM/YY OR END(E)

27/10/82

SELECT REPORT MODE (A,B,C,D,F,OR E)

(A) DETAILS ONLY

(B) TOTALS ONLY

(C) DETAILS AND TOTALS

(D) TOTALS REPORT FOR ALL LOCIDS

(F) DETAILS REPORT FOR ONE LOCID AND THE TOTALS REPORT FOR ALL
LOCIDS

(E) END

A

REQUEST MOBILIZATION SYSTEM

**** ARRIVAL REPORT ****
FOR

RECEPTION STATION: BLISS

ENLISTMENT DATE: 27/10/82

TODAY'S DATE: 15/12/82

SS	/ NAME	/ MOS / BT START/	BT-LOC
11222444	SHERMAN PHILLIP C	16S1 5/11/82	BLISS
MANPADS CREWMAN			
CRS LGTH 14 WKS OSUT, ELIG CONF CLNC, MIN HEIGHT 64 INCHES, DIS VIS			
CORR TO 20/20 WITHOUT FOCAL LENSES, RQR 4 YR ENL UNDER OPT 17			

11333222	DELL BOBBY W II	16S1 5/11/82	BLISS
MANPADS CREWMAN			
CRS LGTH 14 WKS OSUT, ELIG CONF CLNC, MIN HEIGHT 64 INCHES, DIS VIS			
CORR TO 20/20 WITHOUT FOCAL LENSES, RQR 4 YR ENL UNDER OPT 17			

333111444	ENGLAND PHILLIP A	16F1 5/11/82	BLISS
LIGHT AIR DEFENSE ARTILLERY CREWMAN			
CRS LGTH 14 WKS OSUT, AVAIL ARMY NATIONAL GUARD ONLY			

ENTER ENLISTMENT DATE AS
DD/MM/YY OR END(E)

E

Figure 12-1. MRIVAL details report mode.

ENTER ENLISTMENT DATE - AS
DD/MM/YY OR END(E)

27/10/82

SELECT REPORT MODE (A,B,C,D,F,OR E)

(A) DETAILS ONLY

(B) TOTALS ONLY

(C) DETAILS AND TOTALS

(D) TOTALS REPORT FOR ALL LOCIDS

(F) DETAILS REPORT FOR ONE LOCID AND THE TOTALS REPORT FOR ALL
LOCIDS

(E) END

B

20 PERSONNEL ARE SCHEDULED TO ARRIVE AT BLISS ON 27/10/82

ENTER ENLISTMENT DATE - AS
DD/MM/YY OR END(E)

E

Figure 12-2. MRIVAL totals report mode.

ENTER ENLISTMENT DATE - AS
DD/MM/YY OR END(E)

27/10/82

SELECT REPORT MODE (A,B,C,D,F,OR E)

(A) DETAILS ONLY

(B) TOTALS ONLY

(C) DETAILS AND TOTALS

(D) TOTALS REPORT FOR ALL LOCIDS

(F) DETAILS REPORT FOR ONE LOCID AND THE TOTALS REPORT FOR ALL
LOCIDS

(E) END

D

299 PERSONNEL ARE SCHEDULED TO ARRIVE AT DIX ON 27/10/82

200 PERSONNEL ARE SCHEDULED TO ARRIVE AT JACKSON ON 27/10/82

648 PERSONNEL ARE SCHEDULED TO ARRIVE AT LWOOD ON 27/10/82

73 PERSONNEL ARE SCHEDULED TO ARRIVE AT KNOX ON 27/10/82

20 PERSONNEL ARE SCHEDULED TO ARRIVE AT BLISS ON 27/10/82

ENTER ENLISTMENT DATE - AS
DD/MM/YY OR END(E)

E

Figure 12-3. MRIVAL totals for all LOCIDs report mode.

Section IV

OUTPUT DESCRIPTION

12-7. Output.

MRIVAL provides non-variable output in the format described below in table 12-2. In addition to these output fields, the program lists the additional requirements and remarks associated with the corresponding MOS.

Table 12-2
MRIVAL output fields.

Field Name	Field Label	Content Description
Social security number	SSN	The individual's social security number.
Name	NAME	The individual's name.
MOS code	MOS	The individual's assigned MOS.
Basic training start date	BT START	The date the individual is to begin basic training.
Basic training location	BT LOC	The location of the individual's basic training.

12-7A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

12-8. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. PROBLEM COMPARING SSNS - MAIN.
2. NO MORE TRIES.
3. INVALID RECSTA LOCID.
4. THIS ACTION NOT VALID FOR LUN15.
5. INVALID OPTION - SI077.

12-9. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 12-3
Operation Errors.

MESSAGE: INVALID LOCID - TRY AGAIN

ACTION: The user has entered an invalid LOCID. The user has two more attempts to enter a valid LOCID.

Chapter 13

MUNIVE PROGRAM

Section I

PROGRAM SUMMARY

13-1. Purpose.

The MUNIVE program enables managers to report and update Advanced Individual Training (AIT) class information for specified MOS codes and AIT dates.

13-2. Applicability.

The MUNIVE program is accessed by the following user groups:

- a. KEYSTONE Branch
- b. Training and Doctrine Command

13-3. Functions.

MUNIVE has two functions. These include: the report generation function, which enables the user to generate a report of AIT class information for specified ranges of MOS codes and AIT dates; and the update function, which allows the user to change certain items of information in report.

13-4. Options.

MUNIVE provides the user with the following update options: the user is allowed to update quotas, status codes, priority, percentage of females allowed, course length, Basic Training (BT) locations and follow-on dates. If the user attempts to change any other items, MUNIVE will not allow the change to be entered into the system.

Section II

INPUT REQUIREMENTS

13-5. Data Items.

MUNIVE requires the user to enter the items described below in table 13-1.

Table 13–1
MUNIVE input data items.

Field Name	Field Label	Content Description
Start MOS	START MOS (4)	Enter the first MOS code in the desired range of MOS codes to be reported or updated. If only a start MOS and no end MOS is entered, MUNIVE reports information for every MOS code that follows the start MOS.
End MOS	END MOS (4)	Enter the last MOS code in the desired range of MOSs to be reported or updated. If only an end MOS is entered, MUNIVE reports information for every preceding MOS code up to and including the user-entered MOS.
Beginning AIT date	BGN AIT DATE (8)	Enter the first AIT date in the desired range of dates to be reported or updated, in DD/MM/YY format. If only a beginning AIT date is entered, MUNIVE reports information only for that date. If dates preceding the first AIT date on file or dates after the last AIT date on file are entered, MUNIVE will not accept those entries.
Ending AIT date	END AIT DATE (8)	Enter the ending date in the desired range of dates to be reported or updated. If only an ending AIT date is entered, MUNIVE reports all preceding dates up to and including the ending date entered.
Course length	LEN (3)	Enter a course length between 0 and 700 for the specified AIT class in days.
Male BT location	M BT LOC	Enter a valid location for males.
Female BT location	F BT LOC	Enter a valid BT location for females.
Reception Station (RECSTA) follow-on date	RSTA-FOL (8)	Enter a valid RECSTA follow-on date in MM/DD/YY format. The date must fall on a Monday. If dates previous to the first RECSTA date on file or after the last RECSTA date on file are entered, those entries will not be accepted.
AIT follow-on date	AIT-FOL (8)	Enter a valid AIT follow-on date in MM/DD/YY format. The date must fall on a Friday.
One station unit training (OSUT) type	OSUT (1)	Enter M for male – OSUT, F for female – OSUT, N for Non-OSUT or leave blank to report all class types.
AIT class quota	QUOTA (1–4)	Enter a number from 0 to 3200 to represent the spaces the class can hold.
Status Code	ST (1)	Enter a 0 or 1. The 0 indicates the class is open to both sexes. The 1 indicates the class is closed to the specified sex.
Priority	PRI (1–2)	Enter a number from 1–99 to represent the priority ranking for the MOS.
Percent of females allowed	%F (1–3)	Enter a percentage from 0–100 for females allowed in the class.

13–5A. Title not used.

Paragraph not used.

Section III PROGRAM OPERATION

13–6. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, “LIST” OR “OFF”

The user enters MUNIVE and depresses the carriage return key. The MUNIVE program is now ready to communicate with the user.

13–7. Procedures.

Follow the procedures described below to execute the MUNIVE program. See figures 13–1 and 13–2 for MUNIVE report generation and update sessions.

Table 13–1A
Procedures.

MUNIVE:
RMSQUOTA FILE REPORT AND UPDATE ROUTINE
FIRST AIT DATE ON FILE = 31/10/81
LAST AIT DATE ON FILE = 26/2/83

Table 13-1A
Procedures.—Continued

FIRST RECSTA DATE ON FILE = 3/11/81
LAST RECSTA DATE ON FILE = 1/6/87
REPORT(R), UPDATE(U), OR END(E)?

USER:

1. To generate a report of AIT class information, enter R, and see paragraph a. below for the report generation procedures.
2. To update AIT class information, enter U and see paragraph b. below for update procedures.
3. To terminate processing, enter E.
4. Depress the carriage return key.

a. Report generation procedures.

Table 13-1B
Report generation procedures.

MUNIVE: START MOS/END MOS/BGN AIT DATE/END AIT DATE/OSUT

USER:

1. Enter the desired data item directly below the corresponding data item prompt as specified in section 13-5.
2. Depress the carriage return key.

MUNIVE:

DATA FOR AITDATE XX/XX/XX

The program then prints the desired report, and reprompts:

REPORT(R), UPDATE (U), OR END (E)?

USER: Select and enter the desired function.

b. Update procedures.

Table 13-1C
Update procedures.

MUNIVE: START MOS/END MOS/BGN AIT DATE/END AIT DATE/OSUT

USER:

1. Enter the desired data items, as specified in section 13-5, directly below the corresponding data item prompt.
2. Depress the carriage return when all desired data items have been entered.

MUNIVE: DATA FOR AITDATE XX/XX/XX

MOS	QUOTA	SOLD	MALE RES ST	FEMALE RES ST	PRI	%F	TT	LEN
12E1	50	0	0 0	0 0	5	50	0	49
////		////////	////////	////////	/		////	/

</txtentry>

USER:

1. Enter all desired changes directly below the data item prompt. Data with slashes appearing directly below cannot be updated. If changes are entered below slashed items, MUNIVE will not accept those changes.
2. Depress the carriage return key.

MUNIVE:

AITLOC	M BT LOC	F BT LOC	RECSTA	RSTA-FOL	AIT-FOL
WREED			3/ 8/82	16/11/82	20/11/82
////////	/		////////	/	/

</txtentry>

USER:

1. Enter all desired changes directly below the data item prompt. MUNIVE will not accept changes to slashed items.
2. Depress the carriage return.

MUNIVE: REPORT(R), UPDATE(U), END(E)?

USER: Enter the desired function.

```

REPORT(R), UPDATE(U), OR END(E)?R
START MOS/END MOS /BGN AIT DATE/END AIT DATE/OSUT
12E1      12E1      18/9/82      18/9/82
DATA FOR AITDATE 18/ 9/81

      MALE      FEMALE
MOS    QUOTA    SOLD    RES ST    RES ST    PRI    %F    TT    LEN
12E1      50      0      0 0      0 0      5      50      0      49
      AITLOC    M BT LOC    F BT LOC      RECSTA      RECSTA-FOL    AIT-FOL
      WREED      3/ 8/82      16/11/82      20/11/82

REPORT(R), UPDATE(U), OR END(E)?E

```

Figure 13-1. MUNIVE Report mode.

```

REPORT(R), UPDATE(U), OR END(E)?U
START MOS/END MOS /BGN AIT DATE/END AIT DATE/OSUT
12E1      12E1      18/ 9/82      18/ 9/82
DATA FOR AITDATE 18/ 9/81

      MALE      FEMALE
MOS    QUOTA    SOLD    RES ST    RES ST    PRI    %F    TT    LEN
12E1      50      0      0 0      0 0      2      0      0      49
//////

      51
      AITLOC    M BT LOC    F BT LOC      RECSTA      RSTA-FOL    AIT-FOL
      RILY      3/ 8/82      16/11/82      20/11/82
      //////////

      SILL      KNOX      9/11/82      13/11/82

REPORT(R), UPDATE(U), OR END(E)?E

```

Figure 13-2. MUNIVE Update mode.

Section IV OUTPUT DESCRIPTION

13-8. Output.

MUNIVE provides data in the format described in table 13-2.

Table 13-2
MUNIVE output data items.

Field Name	Field Label	Content Description
First AIT date on file	FIRST AIT DATE ON FILE	This is the first AIT date on the file.
Last AIT date on file	LAST AIT DATE ON FILE	This is the last AIT date on the file.
First Reception Station date on file	FIRST RECSTA DATE ON FILE	This is the first RECSTA date on the file.
Last Reception Station date on file	LAST RECSTA DATE ON FILE	This is the last RECSTA date on the file.
MOS code	MOS	A valid MOS code
AIT class quota	QUOTA	The total number

Table 13–2
MUNIVE output data items.—Continued

Field Name	Field Label	Content Description
Total reservations made	SOLD	The total number of enlistees that have reserved spaces in this class.
Male reservations	MALE RES	The number of males that have reserved spaces in the class.
Male status code	MALE ST	If = 0, males allowed in the class; if = 1, males are not allowed.
Female reservations	FEMALE RES	The total number of females that have reserved spaces in the class.
Female status code	FEMALE ST	If = 0, females allowed in the class; if = 1, females are not allowed.
Priority	PRI	The priority ranking for MOS.
Percentage of females allowed in the class	%E	The percentage of females allowed in the class.
Training type	TT	The valid training time.
Course length	LEN	The length of the AIT class in days.
AIT location	AITLOC	The valid AIT location for this class
Male BT location	M BT LOC	A valid BT location for males.
Female BT location	F BT LOC	A valid BT location for females.
Reception Station date	RECSTA	The valid RECSTA date for this class.
RECSTA follow-on date	RSTA-FOL	If the MOS has a prerequisite, a RECSTA follow-on date is displayed. If the MOS has no prerequisite, this is left blank.
AIT follow-on date	AIT-FOL	If the MOS has a prerequisite, the AIT follow-on date is displayed. If there is no prerequisite, this is left blank.

13–8A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

13–9. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. ERROR DURING EXECUTION OF IBATCH EXEC CALLED FROM SUBROUTINE BATCH.
RET CODE = XXXX
2. ERROR ON LUN = XXX
VSAM ERROR RETURN CODE = XXXX
ACTION CODE = XXX
KEYS(IN HEX) = XXXXXXXX
RECORD TYPE = XXX
SPARE VARIABLE 1 = XXXXXX
SPARE VARIABLE 2 = XXXXXX
3. XXX INVALID ACTION CODE – MSI002
4. XXX INVALID TYPE FOR ACTION XXX
5. ERROR IN MOVECH – MOVE XXX – MSI002
6. KEY(6)= XXXX INVALID RECORD NUMBER FOR ACTION 6
7. COUNTER = XXX INVALID FOR ACTION 6
8. VALUE = XXX INVALID FOR ACTION 6
9. ERROR IN MOVECH – QTAUP
10. VSAM ERROR = XXXX FOR LUNXXX
11. VMCF ERROR = XXXXXXXX FOR LUNXXX

12. NO SINK AVAILABLE FOR LUNXXX.
13. INVALID REMOTE ID VALUE SENT TO SUBMET. JOB NOT SUBMITTED.

13-3. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 13-3
Operation Errors.

MESSAGE: ERROR-QUOTA INVALID

ACTION: The user has entered an invalid value for a quota. Enter a valid quota as specified in section 13-5.

MESSAGE: ERROR-MALE STATUS INVALID

ACTION: The user has entered an invalid status code. Enter a valid status code as specified in section 13-5.

MESSAGE: ERROR-FEMALE STATUS INVALID

ACTION: An invalid status code has been entered. Enter a valid status code as specified in section 13-5.

MESSAGE: ERROR-PRIORITY INVALID

ACTION: The user has entered an invalid priority code. Enter a valid priority code as specified in section 13-5.

MESSAGE: ERROR-PERCENT FEMALE

ACTION: An invalid percentage has been entered. Enter a valid percentage as specified in section 13-5.

MESSAGE: ERROR-COURSE LENGTH INVALID

ACTION: An invalid course length has been entered. Enter a valid course length in days.

MESSAGE: ERROR-MALE BT LOCATION INVALID

ACTION: The user has entered an invalid BT location for males. Enter valid BT location.

MESSAGE: ERROR-FEMALE BT LOCATION INVALID

ACTION: The user entered an invalid BT location for females. Enter a valid BT location.

MESSAGE: ERROR-FOLLOW-ON RECSTA DATE

ACTION: An invalid RECSTA date has been entered. Enter a valid RECSTA date.

MESSAGE: ERROR-FOLLOW-ON RECSTA DATE MUST BE MONDAY

ACTION: The user has entered a date that does not fall on a Monday. This is an invalid RECSTA date. Enter a valid Monday RECSTA date.

MESSAGE: ERROR-FOLLOW-ON AIT DATE

ACTION: An invalid AIT date has been entered. Enter a valid AIT date as specified in section 13-5.

MESSAGE: ERROR-FOLLOW-ON AIT DATE MUST BE FRIDAY.

ACTION: The user has entered a date that does not fall on a Friday. This is an invalid entry. Enter a valid Friday AIT date.

MESSAGE: INVALID OSUT RESPONSE

ACTION: The user has entered an invalid OSUT code. Enter a valid OSUT code as specified in section 13-5.

Chapter 14 MUPDLT PROGRAM

Section I PROGRAM SUMMARY

14-1. Purpose.

The MUPDLT program enables users to generate a report of valid AIT locations or to make updates to the valid AIT locations.

14-2. Applicability.

The MUPDLT program is accessed by the following user groups:

- a. KEYSTONE Branch.
- b. TRADOC.

14-3. Functions

MUPDLT has the following four functions:

- a. Generating a report of the valid AIT locations.
- b. Adding new AIT locations.
- c. Changing existing location names to new location names.
- d. Deleting AIT locations from the file.

Note: Users can delete AIT locations by entering DELT in response to the first prompt, even though deletion does not appear in the prompt.

Section II INPUT REQUIREMENTS

14-4. Data Items.

MUPDLT requires the user to enter the items described below in table 14-1.

Table 14-1
MUPDLT input data items.

Field Name	Field Label	Content Description
New training location	NEW TRAINING LOCATION (7)	Enter a new training location name.
Training location to be changed	TRAINING LOCATION TO BE CHANGED (7)	Enter the training location name which is to be changed.
Training location to be deleted	TRAINING LOCATION TO BE DELETED (7)	Enter the training location name which is to be deleted.

14-4A. Title not used.

Paragraph not used.

Section III PROGRAM OPERATION

14-5. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters MUPDLT and depresses the carriage return key. The MUPDLT program is now ready to communicate with the user.

14-6. Procedures.

Follow the procedures described below to execute the MUPDLT program. See figures 14-1, 14-2, 14-3, and 14-4 for samples of the MUPDLT program.

Table 14-1A
Procedures.

MUPDLT:

REPORT/UPDATE PROGRAM FOR TRAINING LOCATIONS

REPORT(R), UPDATE(U), CHANGE(C), END(E)?

USER:

1. To generate a report of valid training locations, enter R and refer to paragraph 14-5.a for report generation procedures.
2. To update the valid training locations, enter D and refer to paragraph 14-5.b for update procedures.
3. To change a training location, enter C and refer to paragraph 14-5.c for change procedures.
4. To delete a training location, enter DELT and refer to paragraph 14-5.d for deletion procedures.
5. To terminate processing, enter E.
6. Depress the carriage return key.

Table 14-1B
Report generation procedures.

MUPDLT: When R is entered, the program generates the report of valid training locations, and prompts:

REPORT(R), UPDATE(U), CHANGE(C), END(E)?

USER: Select and enter the desired function.

Table 14-1C
Update procedures.

MUPDLT: ENTER NEW TRAINING LOCATION

USER: Enter a new training location and depress the carriage return key.

MUPDLT:

XXXX ADDED TO AIT LOCATION RECORD AND THE BCT FILE. RUN

'RPTBCT' TO ADD ASSOCIATED BCT LOCATIONS.

REPORT(R), UPDATE(U), CHANGE(C), END(E)?

USER:

1. Enter E and depress the carriage return key.

2. Run the RPTBCT program to add the associated BCT location.

Table 14-1D
Change procedures.

MUPDLT: ENTER TRAINING LOCATION TO BE CHANGED

USER: Enter the training location to be changed and depress the carriage return key.

MUPDLT: ENTER NEW TRAINING LOCATION NAME

USER: Enter the training location that will replace the location to be changed and depress the carriage return key.

MUPDLT: REPORT(R), UPDATE(U), CHANGE(C), END(E)?

USER: Select and enter the desired function.

Table 14-1E
Deletion procedures.

MUPDLT: ENTER TRAINING LOCATION TO BE DELETED

USER: Enter the training location to be deleted and depress the carriage return key.

MUPDLT: LOCATION XXXX DELETED FROM THE TRAINING LOCATION RECORD AND THE BCT FILE REPORT(R), UPDATE(U), CHANGE(C), END(E)?

USER: Select and enter the desired function.

REPORT(R),UPDATE(U),CHANGE(C),END(E)?R

CURRENTLY VALID TRAINING LOCATIONS

GORDON
JACKSON

DIX
MCCLELL

FT.LWOOD
LWOOD

KNOX
OJT

SILL
BELVOIR

RUC/HUCH
VENHARR

REPORT(R),UPDATE(U),CHANGE(C),END(E)?E

Figure 14-1. MUPDLT Report mode.

```

REPORT(R),UPDATE(U),CHANGE(C),END(E)?U
ENTER NEW TRAINING LOCATIONCHICAGO
CHICAGO ADDED TO AIT LOCATION RECORD
AND THE BCT FILE. RUN 'RPTBCT' TO ADD ASSOCIATED BCT LOCATIONS

REPORT(R),UPDATE(U),CHANGE(C),END(E)?E

```

Figure 14-2. MUPDLT Update mode.

```

REPORT(R),UPDATE(U),CHANGE(C),END(E)?C
ENTER TRAINING LOCATION TO BE CHANGEDCHICAGO
ENTER NEW TRAINING LOCATION NAMEDEERFIELD
CHANGED LOCATION CHICAGO TO DEERFIELD AIT LOCATION
RECORD AND BCT FILE. RUN 'RPTBCT' IF YOU WISH TO
CHANGE THE ASSOCIATED BT LOCATIONS.

REPORT(R),UPDATE(U),CHANGE(C),END(E)?E

```

Figure 14-3. MUPDLT Change mode.

```

REPORT(R)UPDATE(U),CHANGED(C),END(E)?DELT
ENTER LOCATION TO BE DELETEDDEERFIELD
LOCATION DEERFIELD DELETED FROM AIT LOCATION RECORD
AND THE BCT FILE

REPORT(R),UPDATE(U),CHANGE(C),END(E)?E

```

Figure 14-4. MUPDLT Delete mode.

Section IV OUTPUT DESCRIPTION

14-7. Output.

MUPDLT provides output in the format described in table 14-2.

Table 14-2
MUPDLT output data items.

Field Name	Field Label	Content Description
Valid training locations	CURRENTLY VALID TRAINING LOCATIONS	These include all army training locations which are currently valid.

14-7A. Title not used.

Paragraph not used.

Section V ERROR MESSAGES AND CORRECTION PROCEDURES

14-8. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. NO ROOM ON AIT LOCATION RECORD/CALL REQUEST OFFICE
2. ERROR ON LUN = XXX

VSAM ERROR RETURN CODE = XXXX
 ACTION CODE = XXX
 KEYS (IN HEX) = XXXXXXXX
 RECORD TYPE = XXX
 SPARE VARIABLE 1 = XXXXXX
 SPARE VARIABLE 2 = XXXXXX
 3. INVALID ACTION CODE = MSI002
 4. INVALID TYPE FOR ACTION XXX
 5. ERROR IN MOVECH-MOVE = XXX
 6. KEY(6) = XXXX INVALID RECORD NUMBER FOR ACTION 6
 7. COUNTER = XXX INVALID FOR ACTION 6
 8. VALUE = XXX INVALID FOR ACTION 6

14-9. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 14-3
Operation Errors.

MESSAGE: NOT FOUND ON FILE

ACTION: The user has attempted to change or delete a training location that is not on the AIT Location of Training file. Enter another AIT location to be changed or deleted.

MESSAGE: ALREADY EXISTS ON FILE

ACTION: The user has tried to update the file, but the training location the user has entered already exists on the file. Enter another AIT location.

Chapter 15

MUPDPR PROGRAM

Section I

PROGRAM SUMMARY

15-1. Purpose.

The MUPDPR program provides managers with the capability of reporting and updating MOS codes on the RMS Quota file which act as prerequisites for other MOS codes.

15-2. Applicability.

The MUPDPR program is accessed by the following user groups:

- a. KEYSTONE Branch.
- b. Accessions Management Branch.

15-3. Functions.

MUPDPR has four distinct functions. These include reporting MOSs and their corresponding prerequisite MOSs, and adding, changing or deleting MOS prerequisites under the update mode.

Section II

INPUT REQUIREMENTS

15-4. Data Items.

MUPDPR requires the user to enter the items described below in table 15-1.

Table 15–1
MUPDPR input data items.

Field Name	Field Label	Content Description
Starting MOS	START MOS (4)	Enter a valid starting MOS code of the range of MOS codes to be reported.
Ending MOS	END MOS (4)	Enter a valid ending MOS code of the range of MOS codes to be reported.
MOS code	MOS CODE (4)	Enter the desired valid MOS code to be updated.
MOS	MOS (4)	Enter the desired valid MOS code to be updated.
Prerequisite MOS	PREREQ MOS (4)	Enter the desired valid prerequisite MOS code.
Location name	LOCATION (8)	Enter the desired valid AIT location name for the prerequisite MOS.
Course length	COURSE LEN (1–3)	Enter the desired course length in days for the prerequisite MOS.

15–4A. Title not used.

Paragraph not used.

Section III
PROGRAM OPERATION

15–5. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, “LIST” OR “OFF”

The user enters MUPDPR and depresses the carriage return key. The MUPDPR program is now ready to communicate with the user.

15–6. Procedures.

Follow the procedures described below to execute MUPDPR. See figures 15–1, 15–2, 15–3, and 15–4 for samples of the MUPDPR program.

Table 15–1A
Procedures.

MUPDPR: REPORT/UPDATE PROGRAM FOR PREREQUISITE RECORDS
REPORT(R), UPDATE(U), END(E)?

USER:

1. To generate a report of MOS codes and their prerequisite MOSs, enter R and refer to paragraph 15–5.a for report generation procedures.
2. To update prerequisite MOSs, enter U and refer to paragraph 15–5.b for update procedures.
3. To terminate processing, enter E.
4. Depress the carriage return key.

a. Report generation procedures.

Table 15–1B
Report generation procedures.

MUPDPR: START MOS/END MOS

USER:

1. Enter valid start and end MOS codes to generate the report for a desired range of MOS codes.
2. Depress the carriage return key.

MUPDPR: The program generates the report for the desired range of MOSs, and prompts:
REPORT(R), UPDATE(U), END(E)?

USER: Select and enter the desired function.

b. Update procedures. Refer to table 15–2 for update procedures.

Table 15–2
MUPDPR update procedures.

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
1. CHANGE(C), ADD(A), DELETE(D)?	1. To add a prerequisite MOS, enter A. 2. To change, enter C. 3. To delete, enter D. 4. Depress the carriage return key.	2 4 8
2. MOS /PREREQ MOS/LOCATION/COURSE LEN/	Enter a valid MOS code, prerequisite MOS, location and course length, and depress the carriage return key.	3
3. RECORD FOR MOS XXXX ADDED TO THE FILE REPORT(R), UPDATE(U), END(E)?	Select the desired function.	
4. ENTER MOS CODE	Enter the desired MOS code and depress the carriage return key.	5
5. MOS /PREREQ MOS/ 81Z1 81Y1 LOCATION/COURSE LEN BLISS 42 CHANGE RECORD (Y) OR (N)?	1. To discontinue the change, enter N. 2. To continue with the change, enter Y. 3. Depress the carriage return key.	6
6. ALL DATA MUST BE REENTERED	1. Enter the desired changes in the information. If some information is to remain the same, enter that information as it appeared previously. 2. Depress the carriage return key.	7
7. RECORD FOR 81Z1 HAS BEEN CHANGED REPORT(R), UPDATE(U), END(E)?	Enter the desired function.	
8. ENTER MOS CODE	Enter the MOS code and depress the carriage return key.	9
9. The program prints the corresponding record and prompts: DELETE RECORD (Y) OR (N)?	1. To discontinue the deletion, enter N. 2. To continue the deletion, enter Y. 3. Depress the carriage return key.	11 10
10. MOS XXXX HAS BEEN DELETED REPORT(R), UPDATE(U), END(E)?	Enter the desired function.	
11. REPORT(R), UPDATE(U), END(E)?	Enter the desired function.	

```

REPORT(R), UPDATE(U), END(E)? R
START MOS/END MOS/
12E1 12E1
MOS /PREREQ MOS/LOCATION/COURSE LEN/PREREQ MOS/LOCATION/COURSE LEN/
12E1 12B1 LWOOD 105
REPORT(R), UPDATE(U), END(E)? E

```

Figure 15–1. MUPDPR Report mode.

```

REPORT(R), UPDATE(U), END(E)? U
CHANGE(C), ADD(A), DELETE(D)? A
MOS /PREREQ MOS/LOCATION/COURSE LEN/PREREQ MOS/LOCATION/COURSE LEN/
66B1 66C1 BLISS 59
RECORD FOR MOS 66B1 ADDED TO FILE
REPORT(R), UPDATE(U), END(E)? E

```

Figure 15-2. MUPDPR Add mode.

```

REPORT(R), UPDATE(U), END(E)? U
CHANGE(C), ADD(A), DELETE(D)? C
ENTER MOS CODE 66B1
MOS /PREREQ MOS/LOCATION/COURSE LEN/PREREQ MOS/LOCATION/COURSE LEN/
66B1 66C1 BLISS 59
CHANGE RECORD (Y) OR (N)? Y
ALL DATA MUST BE RE-ENTERED
MOS /PREREQ MOS/LOCATION/COURSE LEN/PREREQ MOS/LOCATION/COURSE LEN/
66B1 66A1 LWOOD 60
RECORD FOR MOS 66B1 HAS BEEN CHANGED
REPORT(R), UPDATE(U), END(E)? E

```

Figure 15-3. MUPDPR Change mode.

```

REPORT(R), UPDATE(U), END(E)? U
CHANGE(C), ADD(A), DELETE(D)? D
ENTER MOS CODE 66B1
MOS /PREREQ MOS/LOCATION/COURSE LEN/PREREQ MOS/LOCATION/COURSE LEN/
66B1 66A1 LWOOD 60
DELETE RECORD (Y) OR (N)? Y
MOS 66B1 HAS BEEN DELETED
REPORT(R), UPDATE(U), END(E)? E

```

Figure 15-4. MUPDPR Delete mode.

Section IV

OUTPUT DESCRIPTION

15-7. Output.

MUPDPR provides output in the format described in table 15-3.

Table 15-3
MUPDPR output data items.

Field Name	Field Label	Content Description
MOS code	MOS (4)	A valid four-digit MOS code.
Prerequisite MOS	PREREQ MOS (4)	A valid four-digit MOS code that acts as a prerequisite for the MOS code.
Location name	LOCATION (8)	A valid AIT location name for the prerequisite MOS code.
Course length	COURSE LEN (1-3)	A valid course length in days for the prerequisites MOS.

15-7A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

15-8. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. ERROR* IN *MOVECH PROGRAM: MUPDPR * CALL REQUEST OFFICE
2. ERROR ON LUN = XXX
VSAM ERROR RETURN CODE = XXXX
ACTION CODE = XXX
KEYS (IN HEX) = XXXXXXXX
RECORD TYPE = XXX
SPARE VARIABLE 1 = XXXXXX
SPARE VARIABLE 2 = XXXXXX
3. XXX INVALID ACTION CODE - MSI002
4. XXX INVALID TYPE FOR ACTION XXX
5. ERROR IN MOVECH - MOVE = XXX - MSI002
6. KEY(6) XXXX INVALID RECORD NUMBER FOR ACTION 6
7. COUNTER = XXX INVALID FOR ACTION 6
8. VALUE = XXX INVALID FOR ACTION 6
9. VSAM ERROR = XXXX ON LUN XXX
10. VMCF ERROR = XXXXXXXX FOR LUN XXX
11. NO SINK AVAILABLE FOR LUN XXX
12. **** TRACE BACK ****

15-9. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 15-4

Operation Errors.

MESSAGE: ERROR - FOLLOW-ON MOS CANNOT CHANGE

ACTION: This indicates the user has tried to change the follow-on MOS code. The user can only change the prerequisite MOS code. Enter the valid changes.

MESSAGE: XXXXX NOT VALID AIT LOCATION

ACTION: The user has attempted to enter an invalid AIT location. Enter a valid AIT location.

MESSAGE: ERROR IN COURSE LENGTH FOR XXXX

ACTION: The user has tried to enter an invalid course length. Enter a valid course length in days.

MESSAGE: MOS XXXX NOT ON FILE

ACTION: The user has tried to change or delete an MOS that is not on the file. Enter a valid MOS.

15-9A. Title not used.

Paragraph not used.

Chapter 16

RMSRCH PROGRAM

Section I

PROGRAM SUMMARY

16-1. Purpose.

The RMSRCH program assigns inductees to MOSs and training classes, after the inductee record has been entered onto the system through the BUILDREC program.

16-2. Applicability.

The RMSRCH program is accessed by the following user groups:

- a. KEYSTONE Branch.
- b. Reception Stations.
- c. Guidance Counselors/District Recruiting Command.

16-3. Functions.

RMSRCH has one function. The program assigns inductees to MOSs and training classes.

Section II

INPUT REQUIREMENTS

16-4. Data Items.

RMSRCH requires the user to enter the nine-digit social security number of the inductee to be assigned. Management users must also enter a valid LOCID.

16-4A. Title not used.

Paragraph not used.

Section III

PROGRAM OPERATION

16-5. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters RMSRCH and depresses the carriage return key. The RMSRCH program is now ready to communicate with the user.

16-6. Procedures.

Follow the procedures described below to execute the RMSRCH program. Refer to figure 16-1 for samples of the RMSRCH program.

Table 16-0
Procedures.

RMSRCH: SOCIAL SECURITY NO. OR END (E)

USER:

1. To make a reservation, enter the nine-digit SSN of the inductee to be assigned. The program prints the inductee's record as created in the BUILDREC program.
 2. To terminate, enter E.
 3. Depress the carriage return key.
-

RMSRCH: ENTER LOCID

USER: Enter a valid LOCID and depress the carriage return key.

RMSRCH: IS THIS RECORD CORRECT??

USER:

1. If the record is not correct, enter N. RMSRCH prints instructions to run BUILDREC and then terminates.
 2. If the record is correct, enter Y.
 3. Depress the carriage return key.
-

RMSRCH: The program then displays a series of additional qualifications corresponding to MOSs for which the individual is qualified. If

Table 16-0
Procedures.—Continued

applicable, the user must respond whether or not the inductee meets these additional qualifications. Based on the inductee's additional qualifications, RMSRCH then processes and displays the inductee's assignment.

ENTER LOCID

USER: Enter the valid LOCID and then select and enter the desired function.

```

ENTER LOCID : AK7
SOCIAL SECURITY NO. OR END(E) 121212121
SOC-SEC-# /NAME /CIT/SX/RACE /BIRTHDATE/
1212121 JOHN Q PUBLIC Y M C-CAUCASN 5/ 5/55
CIV ED /DVR LI/TYPE /PHY PROF/C-P / MATH/ SCI/SEC/S-S-SON/CONC-OBJ/
12 HSDG Y NPS 1111111 NOR ALG BIO X N N
AFQT/ GT / GM / EL / CL / MM / SC / CO / FA / OF / ST / AP / MVD/DLAB/
90 111 111 111 111 111 111 111 111 11 111 111 111 111
HEIGHT/BAT/DESIRED MO/COL-MAJ/COR-VIS/ELECTR/LANGUAGE/
70 N 12E1 N N N N ENG

```

```

** IS THIS RECORD CORRECT?? Y
*** PLEASE CHECK FOR THE FOLLOWING ***
RQR SOLVE MATH PROBLEMS AT 12TH GRADE LEVEL.
NO FEAR HEIGHTS
*** CAN INDIVIDUAL MEET THESE REQUIREMENTS? ***
YES (Y) OR NO (N)? N
*** PLEASE CHECK FOR THE FOLLOWING ***
SF REQUIRES CO 100 AND GEDH OR HIGHER
DIST VIS CORR TO 20/20 IN ONE EYE & 20/200 IN OTHER
*** CAN INDIVIDUAL MEET THESE REQUIREMENTS? ***
YES (Y) OR NO (N)? N
*** PLEASE CHECK FOR THE FOLLOWING ***
MANUAL DEXTERITY.
*** CAN INDIVIDUAL MEET THESE REQUIREMENTS? ***
YES (Y) OR NO (N)? Y

```

```

*****
* 121212121 JOHN Q PUBLIC *
* * *
* RECSTA/ BCT LOC/ AIT LOC/ 2ND AIT/ BAT LOC/ *
* DATE DATE DATE DATE DATE *
* ----- *
* SILL SILL IGNORE24 NONE NONE *
* * *
* 7/12/81 11/12/81 4/12/81 0/ 0/ 0 0/ 0/ 0 *
* * *
* AFES LOCID = AK7 ENLISTMENT DATE = 2/12/81 *
* * *
*****

```

Figure 16-1. RMSRCH with additional requirements

Section IV

OUTPUT DESCRIPTION

16-7. Output.

RMSRCH displays records created from BUILDREC. In RMS the information displayed by RMSRCH may vary. Refer to table 16-1 for non-varied output displayed by RMSRCH.

Table 16-1
RMSRCH output data items.

Field Name	Field Label	Content Description
Reception Station and RECSTA data	RECSTA/(7) DATE (8)	The Reception Station location and the RECSTA date in DD/MM/YY format.
Basic Combat Training location and date	BCT LOC/(7) DATE(8)	The BCT location and the date of arrival at BCT in DD/MM/YY format.
Advanced Individual Training Location and Date	AIT LOC/(8) DATE(8)	AIT location and the date of arrival at the AIT location.
Second AIT location and date	2ND AIT/(8) DATE(8)	If the MOS has a prerequisite MOS, a second AIT location and date will be displayed. If there is no prerequisite, this will read NONE.
Basic Airborne training location and date	BAT LOC/(7) DATE (8)	BAT location and date of arrival at the BAT location.
AFEES location ID	AFEES LOCID (3)	The valid LOCID for that particular AFEES.
Enlistment date	ENLISTMENT DATE (8)	The date the inductee was assigned to a training seat.

16-7A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

16-8. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. UNABLE TO ASSIGN INDIVIDUAL TO AN MOS AT THIS TIME. WILL ASSIGN TO BCT ONLY
2. ERROR IN ACMRMS ROUTINE.
3. COUNT=XXX ACMLOCID RECORD NOT DECREMENTED
PROCESSING CONTINUES - NOTIFY REQUEST OFFICE.
4. PROBLEM IN DDISPLAY ROUTINE - CALL RQST OFFICE.
5. ****FAILED TEST****
6. ERROR ON LUN XXX
VSAM ERROR RETURN CODE = XXXX
ACTION CODE = XXXX
KEYS (IN HEX) = XXXXXXXX
RECORD TYPE = XXX
SPARE VARIABLE 1 = XXXXXX
SPARE VARIABLE 2 = XXXXXX
7. 40 NO MORE TRIES.
8. XXX INVALID ACTION CODE - MSI002
9. XXX INVALID TYPE FOR ACTION XXX
10. ERROR IN MOVECH - MOVE = XXX - MSI002
11. KEY (6) = XXXX INVALID RECORD NUMBER FOR ACTION 6
12. COUNTER = XXX INVALID FOR ACTION 6
13. VALUE = XXX INVALID FOR ACTION 6
14. ERROR IN OPIND.
15. ERROR USING MOVECH IN PDHOLD.
16. ERROR IN PHYPRO ROUTINE.

17. PROBLEM WITH LINKLC TABLE.
18. ERROR: TEXT MUST END WITH A PERIOD - QUIT
19. ERROR IN QUAL - MOS = XXXX NOT IN QUAL FILE
20. ERROR IN QUAL
21. VSAM ERROR = XXXX ON LUN XXX
22. VMCF ERROR = XXXXXXXX FOR LUN XXX
23. NO SINK AVAILABLE FOR LUN XXX
24. ERROR IN TESTIT ROUTINE.
25. PRI BCT LOC INVALID FOR AIT LOC
26. SCD BCT LOC INVALID FOR AIT LOC
27. PRI BCT LOC INVALID FOR AFEES LOC
28. SCD BCT LOC INVALID FOR AFEES LOC
29. RECORD NOT FOUND ON RECSTA RECRUIT INDEX
30. -INVALID VTYP XXX FOR FACTOR

16–9. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 16–2
Operation Errors.

MESSAGE: INVALID LOCID - TRY AGAIN

ACTION: The user has entered an invalid LOCID. The user has two more tries to enter a LOCID. Enter a valid LOCID.

MESSAGE: SSN NOT FOUND FOR YOUR LOCATION

ACTION: The user-entered SSN is not on the specified LOCID's file. Enter a valid SSN for the specified LOCID.

MESSAGE: XXXXXXXXXX HAS AN ASSIGNMENT ALREADY

ACTION: The user has attempted to assign an inductee who is already assigned. Enter a valid SSN for an assignment.

MESSAGE: INVALID SSN

ACTION: The user has entered an Invalid social security number. Enter a valid nine-digit SSN.

MESSAGE: THIS PROGRAM MAY ONLY BE USED TO PROCESS AA HOLDING FILE RECORDS.

ACTION: The user must enter a valid AA LOCID and SSN.

Chapter 17

RPDICT PROGRAM

Section I

PROGRAM SUMMARY

17–1. Purpose.

a. The RPDICT program reports and updates the Data Dictionary for the RMS Holding/Recruit file. Army managers have the capabilities, utilizing RPDICT, of adding new items to be captured by BUILDREC, deleting items they have added, changing the order of the output fields in BUILDREC and GETREC, and ensuring that factors are checked for the purposes of qualification for an MOS. The Data Dictionary contains a list of all the data items on the Holding file, as well as related information for each data item. The components of the Data Dictionary shown in figures 17–1, 17–2 and 17–3, are the Data Dictionary itself, the What and the Where arrays, and the Translation Table.

b. The What arrays depict the sequence of data items in the corresponding program. In figure 17–2, for example, the What array for BUILDREC has 1, 2, and 24 as its first three entries. This indicates that the first three entries of BUILDREC are the first, second, and twenty-fourth factors in the Data Dictionary (SOC SEC#, NAME, and CIT). The Where array indicates the number of factors displayed by the corresponding program. The Translation Table contains the valid values for each factor in the Data Dictionary.

17–2. Applicability.

The RPDICT program is accessed by the following user groups.

- a. KEYSTONE Branch.

17-3. Functions.

RPDICT has six functions from which the user can select to perform a desired procedure. These functions include: Report Factors, Add New Factor, Delete Factor, Test Sequence, Create New BUILDREC and Update Display Sequence.

a. *Report Factors.* This functional mode enables managers to generate a report of the Data Dictionary, the What and Where arrays, the Translation Table, and, if desired, the validation codes and their definitions for the RMS subsystem. Validation codes define acceptable responses to BUILDREC data items.

b. *Add New Factor.* This allows managers to add a factor to the Data Dictionary, thereby adding requirement criteria (information on the inductee that the user must enter) to BUILDREC records. Several options are available to users under this function. These include updating the Translation Table for validation codes of 150, 320, 340, and 620, only running the Test Sequence mode, and running Create New BUILDREC. If the test sequence is not verified as OK by the user, and if the Create New BUILDREC option is not run, the new factor will not be added to the Data Dictionary.

# OF FACTORS IN DATA DICTIONARY - 82						
ITEM	/	VALIDATION/MANDATORY	OR/DISPLAY/TRANS/QUAL			
NAME	/	CODE	/DESIRABLE	/LENGTH	/ PTR	/CHK
1	SOC SEC#	620	-1	10	46	N
2	NAME	310	-1	29	777	N
3	PHY PROF	150	-1	8	1	Y
4	CIV ED	770	-1	8	777	N
5	MATH	320	-1	5	9	Y
6	SCI	320	-1	4	18	Y
7	AFQT	621	-1	4	38	Y
8	GT	626	-1	4	40	Y
9	GM	626	-1	4	40	Y
10	EL	626	-1	4	40	Y
11	CL	626	-1	4	40	Y
12	MM	626	-1	4	40	Y
13	SC	626	-1	4	40	Y
14	CO	626	-1	4	40	Y
15	PA	626	-1	4	40	Y
16	OF	626	-1	4	40	Y
17	ST	626	-1	4	40	Y
18	AP	626	-1	4	40	Y
19	MVD	626	-1	4	42	Y
20	DLAB	626	-1	4	44	Y
21	BIRTHDATE	420	-1	9	777	N
22	SX	636	-1	2	3	Y
23	C-P	320	-1	4	33	Y
24	CIT	320	-1	3	6	Y

Figure 17-1. Sample Data Dictionary — partial output.

WHAT AND WHERE ARRAYS FOR BUILDREC

WHAT ARRAY:

1 2 24 22 29 21 4 28 25 3 23 5 6 31 32 33 7 8 9 10

11 12 13 14 15 16 17 18 19 20 35 34 36 37 38 39 40 44 45

WHERE ARRAY:

0 39

Figure 17-2. Sample What and Where arrays.

1111111	4444447	2	M	F
2	N	Y	8	GEN
GENE	ALG	ALGE	GEO	GEOM
TRI	TRIG	8	GEN	GENE
BIO	BIOL	CHE	CHEM	PHY
PHYS	5	NPS	PS	CAS
PCAS	RPS	3	NON	R/G
NOR	0	10	100	0
160	0	135	0	164
0	9999999999	48	84	2212

Figure 17-3. Sample Translation Table — partial listing.

c. *Delete Factor.* This mode allows managers to delete factors from the data items captured by BUILDREC. The user may only delete factors appearing in positions 44-66 on the Data Dictionary. If the manager tries to delete any other factor, the deletion will not be accepted by RPDICT. The manager must also run and verify the test sequence and run Create New BUILDREC in order for the deletion to be implemented.

d. *Test Sequence.* This function enables managers to run a mock BUILDREC record creation session in order to check if the changes the manager has made to the Data Dictionary and Translation Table appear as desired. The Test Sequence mode must be run and verified to ensure that changes become permanent. It is suggested that both invalid and valid responses be entered for new factors to ensure that the program recognizes both types of responses. If the test sequence is not verified, the changes will not be implemented.

e. *Create New BUILDREC.* This function makes permanent all changes to the Data Dictionary and the Translation Table. Like the Test Sequence mode, it must be run to validate the accuracy of and ensure implementation of the changes made. If this function is not run, the changes will not be implemented.

f. *Update Display Sequence.* This functional mode enables managers to update the What and Where arrays for BUILDREC, DEPs (Delayed Entry Personnel), GETREC and the Show Assignment mode of BUILDREC. (DEPs are processed in BUILDREC and VRQSTR). This can be done by adding or deleting Data Dictionary factors from the What and Where arrays. Each factor appearing in the Data Dictionary has a number assigned to it. These numbers appear in the What arrays in the order the factors appear in the record. For example, citizenship has the number 24 assigned to it in the Data Dictionary. The citizenship requirement appears third in the BUILDREC record. Therefore, the number 24 for the citizenship requirement appears third in the What array for BUILDREC. The Where array contains the number of entries in the What array. If the What array contains 36 entries, the Where array will contain the number 36. Refer to figure 17-2 for sample What and Where arrays.

17-4. Options.

RPDICT provides the user with the option of processing the Data Dictionary either for Active Army (AA) or for Reserve Enlistment Program (REP) personnel.

Section II INPUT REQUIREMENTS

17-5. Data Items.

RPDICT requires the user to enter the items described below in table 17-1.

Table 17-1
RPDICT input data items.

Field Name	Field Label	Content Description
Item name	ITEM NAME (9)	Enter the item name that is to appear as a qualification on BUILDREC.
Validation code	VALIDATION CODE (3)	Enter the validation code applicable to the type of item entered. Although there are many validation codes in the Data Directory, the following six codes are the only codes the user can enter. (Other validation codes in the Data Directory are special codes and apply only to particular items): Enter 150 for digit continuous, where each digit has a range check by position, i.e., physical profile has valid values of 1111111-4444447; each position is checked for a valid range. Enter 310 for uncoded discrete characters, which allows any alphanumeric entry up to a specified length, i.e., inductee's name. Enter 320 for discrete character entries, where acceptable entries are entered into the Translation Table, i.e., color perception has three acceptable entries (NON, NOR, and R/G). Enter 340 for coded discrete character, where each position's type of entry is entered in the Translation Table, i.e., four-digit MOS codes where 2212 signifies that the first, second, and fourth characters are integers, while the third must be alphabetic. Enter 429 for a date to be stored as an absolute value. Enter 620 for a range check; i.e., social security number is valid for 000000000-999999999.
Mandatory/desirable indicator	MANDATORY OR DESIRABLE (1)	Enter -1 for a mandatory factor (must be entered in BUILDREC). Enter 1 for a desirable factor (optional entry in BUILDREC)
Display length	DISPLAY LENGTH (12)	Enter the maximum valid length for the value of the corresponding item. For example, CIV ED has a display length of 8 signifying that the entry for CIV ED may have up to eight characters.
Qualifications check	QUAL CHK (1)	Enter Y to signify that the item will be checked against the Qualifications file for MOS eligibility. Enter N to signify that the item need not be checked for MOS eligibility. Note: A response of Y does not ensure that the item will be checked. XQUAL should be run to ensure that the item will be checked for MOS eligibility.
New factor number	NEW #/ (3)	Enter the number (from 1 to 100) of the Data Dictionary item to be entered into the What array. Include a slash after the number.
Preceding factor number	PRECEDING # (3)	Enter the Data Dictionary number that is to directly precede the newly-entered factor number in the What array.
Factor number to be deleted	FACTOR # TO BE DELETED (3)	Enter the Data Dictionary factor number that is to be deleted from the what array.
Number position	NUMBER POSITION (3)	Enter the number position of an already existing Translation Table entry that is to be used for a new entry to the Translation Table.
Discrete alpha items	DISCRETE ALPHA ITEMS ITEM/ITEM/ITEM/ITEM	Enter the valid values for the factor item with a validation code of 320.
Range for validation code 620	RANGE FOR VAL (9) CODE OF 620 ITEM/ITEM	Enter the valid range for a validation code of 620.

Table 17-1
RPDICT input data items.—Continued

Field Name	Field Label	Content Description
Four-digit numbers for validation code of 150	2 4-DIGIT NUMBERS FOR VAL CODE 150 (4) ITEM/ITEN	Enter two four-digit numbers for a validation code of 150.
Four-digit number for validation code of 340	1 4-DIGIT NUMBER FOR VAL CODE 340 (4)	Enter a four-digit valid value for a validation code of 340.

17-5A. Title not used.

Paragraph not used.

Section III **PROGRAM OPERATION**

17-6. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters RPDICT and depress the carriage return key. The RPDICT program is now ready to communicate with the user.

17-7. Procedures.

Follow the procedures described below to execute RPDICT. Refer to figures 17-4, 17-5, 17-6, and 17-7 for samples of RPDICT output.

Table 17-1A
Procedures.

RPDICT:

RPDICT PROGRAM - REPORTS AND UPDATES DATA DICTIONARY FOR RMS HOLDING RECRUIT FILE. ANY UPDATES TO LIVE SYSTEM WILL NOT BE EFFECTIVE UNLESS CREATE NEW BUILDREC IS RUN!

DO YOU WANT AA(A) OR REP(R) DATA DICTIONARY

USER:

1. Enter A for the Active Army Data Dictionary.
2. Enter R for the Reserve Enlistment Program Data Dictionary.
3. Depress the carriage return key.

RPDICT:

REPORT FACTORS(R), ADD NEW FACTOR(A), DELETE FACTOR(D), TEST SEQUENCE(T), CREATE NEW BUILDREC(C), UPDATE DISPLAY SEQUENCE(U) OR END(E)?

USER:

1. To generate a report of the RMS Data Dictionary and the What and Where arrays for BUILDREC, DEPs, GETREC, and the Show mode of BUILDREC, enter R. The program will print the Data Dictionary and the What and Where arrays. Refer to table 17-2 for further report generation procedures.
2. To add a new factor to BUILDREC records, enter A. Refer to section (a) below for an explanation of add procedures and to table 17-3 for a walk-through of the Add mode.
3. To delete a factor from BUILDREC records, enter D. Refer to table 17-4 for deletion procedures.
4. To display the test sequence, enter T. Refer to the test sequence portions of the add and delete procedures in tables 17-3 and 17-4.
5. To display the Create New BUILDREC sequence, enter C. Refer to the Create New BUILDREC portions of the add and delete procedures in tables 17-3 and 17-4.
6. To update the display sequences (what arrays) of BUILDREC, GETREC and the DEP and Show Assignment functions of BUILDREC, enter U. Refer to section (b) below for an explanation of update procedures, and to table 17-5 for a walk-through of the Update mode.

a. Add New Factor mode. When a manager desires to add new factors to be gathered by BUILDREC, this can be done by running the Add New Factor functional mode of RPDICT. Required factors for BUILDREC are located in the Data Dictionary; therefore, the manager must add any new factors to the Data Dictionary through the Add New Factor mode.

For example, suppose the manager decides that eye color is to be collected by BUILDREC. When prompted by RPDICT to enter the new item, the manager enters the item name "EYES".

Then, along with the item name, the manager selects and enters other pertinent information to support the new item name. This information includes a validation code, a mandatory/desirable indicator, a display length and a QUAL file check indicator. Valid values for these items are presented below.

(1) *Validation code.* The type of code selected for the new item will indicate the types of values which are valid for eye color.

(a) A validation code of 310 signifies that a user, when entering this data during execution of the BUILDREC New mode, can enter any alphanumeric entry of a valid length (see display length below) and that entry will be accepted. For example, a user can enter BLUE, BROWN, ORANGE or 1234 during the BUILDREC New mode, and any of these entries will be accepted. Because any entry of a valid length can be accepted for a validation code of 310, no changes need to be made to the Translation Table. When a validation code of 310 is entered, the prompts to update the Translation Table are not displayed and the Translation Table remains unchanged. A validation code of 429 (for a date) also needs no update to the Translation Table.

Table 17-2
RPDICT Report mode procedures.

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
1. DISPLAY TRANSLATION TABLE	1. Enter N if a display of the translation table is not desired. 2. Enter Y if the display of the Translation Table is desired. 3. Depress the carriage return key.	2
2. DISPLAY VALIDATION CODED?	1. Enter N if a display of the validation codes and their definitions is not desired. 2. Enter Y, if a display of the validation codes is desired. 3. Depress the carriage return key.	2
3. REPORT FACTORS (R), ADD NEW FACTOR (A), DELETE FACTOR (D), TEST SEQUENCE (T), CREATE NEW BUILDREC (C), UPDATE DISPLAY SEQUENCE (U) OR END (E)?	Select and enter the desired function.	

(b) However, when another validation code is entered, the Translation Table must be updated to accommodate the valid responses indicated by the validation code.

(c) For example, if a validation code of 320 is entered for eye color, this indicates that only certain responses will be acceptable. The manager must decide which responses should be valid for eye color. These valid responses must then be entered during the Translation Table update option of this functional mode. Refer to section 17-5a(5) for the Translation Table Update procedures.

(2) *Mandatory/desirable indicator.* The manager then decides if the new item should be collected by BUILDREC. If so, the manager enters a-1 for a mandatory indicator. This means that during the New mode of BUILDREC, a user must enter a valid value for eye color, or the record will not be accepted. If the manager decides that a response to eye color is desirable but not mandatory for BUILDREC, a 1 is entered. A Guidance Counselor could then leave this item blank.

(3) *Display length.* The display length represents the maximum number of characters displayed for a factor. For example, if the manager selects a display length of 3 for eye color, any entries made for eye color during the BUILDREC New mode will be accepted for up to three characters. During BUILDREC, if a user enters GREEN for eye color, the entry will appear on the record as GRE; an entry of BROWN will appear as BRO.

(4) *Qualifications file check.* Here, the manager must decide if eye color must be checked against the Qualifications file for MOS eligibility. The manager enters a Y if the item is to be checked or an N if the item need not be checked. A response of Y, however, does not ensure that the item will be checked. XQUAL should be run to ensure that the item will be used to check MOS eligibility.

(5) *Translation Table update.* If any validation code except 310 is entered, RPDICT will prompt the user to update the Translation Table. An entry of 310 will cause RPDICT to skip these prompts so that they are not displayed. Taking the above example of a validation code of 320 for eye color, the manager must first decide which entries will be valid responses for eye color. Taking into account the assigned display length of 3, the manager selects valid eye color responses of BLU for blue, BRO for brown, GRE for green and OTH for other. The manager enters these items as shown in table 17-3. These valid response items are added to the Translation Table. Since there are four valid responses, RPDICT will automatically enter a 4 into the Translation Table that will precede the four valid responses (BLU, BRO, GRE, OTH). The Translation Table will appear thus: 4 BLU BRO GRE OTH.

(Note: for validation codes of 150 and 620, range entries must be added to the Translation Table; i.e., the social security number has entries of 0 and 999999999 to signify that any entry between 000000000 and 999999999 is a valid response. A validation code of 340, coded discrete character, must have the code entered into the Translation Table.) If the manager does not desire to enter new data to the Translation Table, the option of updating a factor with an

existing translation pointer can be selected if there are applicable valid entries already in the table.

For example, suppose that hair color has valid entries in the Translation Table of BRO for brown, BLA for black, BLO for blonde and OTH for other. The manager could decide that these are similar enough to desired values for eye color to be used as valid values.

RPDICT displays the following message prompt:

EXISTING VALUES, RANGES OR ENTRIES IN TRANSLATION TABLE MAY BE USED BY ENTERING THE NUMBER POSITION OF THE FIRST ITEM OF THE VALUES, RANGE OR ENTRIES IN THE TABLE. (ALPHA DISCRETE VALUES ARE PRECEDED BY THE NUMBER OF ENTRIES - THIS IS THE POSITION TO USE WHEN ENTERING NUMBER POSITION.)

This message is prompting the manager to enter the number position of the desired Translation Table entry. As there are four entries for hair color, the character "4" precedes the valid entries. The 4 is located in the fifth position of the table, BRO is the sixth, BLA the seventh, etc.

In order to have the same valid responses for eye color, the manager enters a 5, the position where the character 4 is located. The manager cannot enter a 6 or a 7 to correspond with the individual valid entries. The manager must accept all the values that are valid for hair color as valid for eye color. This is explained in the second portion of the prompt "(ALPHA DISCRETE VALUES ARE PRECEDED BY THE NUMBER OF ENTRIES - THIS IS THE POSITION TO USE WHEN ENTERING NUMBER POSITION.)"

(6) *Test sequence.* In order for all of the changes to be implemented on RMS, the test sequence must be run and validated. If the manager does not run the test sequence or does not validate it, the change will be deleted from the system and the Data Dictionary and the Translation Table will appear as they existed prior to the manager's changes. The test sequence consists of a mock BUILDREC New mode; an inductee record is displayed and the manager must enter valid information for each factor. The manager verifies that the eye color requirement is displayed correctly. The valid values are also tested. The manager enters invalid entries for eye color to ensure that the system flags these values as invalid. Valid entries should also be tested to ensure that the system accepts them.

When the manager is satisfied that the test sequence has been run successfully, he enters an "OK" in response to the prompt "IS TEST SEQUENCE OK (Y OR N)". If the test sequence is not correct, an entry of N is made. In this case, the changes made are deleted from the system and the manager can return and make the appropriate corrections.

(7) *Create New BUILDREC.* The final step in adding a new requirement to BUILDREC records is the Create New BUILDREC mode. This step is the final validation procedure which the manager must run in order for the changes to go into effect. If the manager does not run Create New BUILDREC, the changes will be deleted from the system. For a complete walk-through of the RPDICT Add New Factor functional mode prompts and corresponding responses, refer to table 17-3.

b. Update Display Sequence mode. The Update Display Sequence function enables managers to change the record display for BUILDREC, GETREC and the DEP and Show Assignment functions of BUILDREC (which allows managers to view personal information for Delayed Enlistment personnel and inductees who have received assignments). The manager has three options while in this Update mode. The manager can add factors, delete factors, or completely re-enter factors; in this way, the manager can effect changes to the record display.

(1) *Add factors.* The add factor option enables a manager to enter a factor from the Data Dictionary and thus include that factor in the record display.

For example, suppose that EYES is the 90th entry in the Data Dictionary. If a manager desires that EYES should appear in the GETREC display, GETREC and Add are the options selected.

RPDICT then prompts the manager to enter the number of the new factor, a slash and the number of the factor desired to directly precede the new factor.

If EYES is desired as the fifth entry in the GETREC What array, the manager enters 90/22. (The number 22 appears in the fourth position in GETREC and thus directly precedes EYES, which is to be the fifth.) All previous What array entries from the fifth position forward will be pushed back one position.

The Where array is automatically updated. If there were 52 entries in the What array previous to the entry of number 90 (EYES), the Where array will read 53 after the entry.

(2) *Delete factors.* The manager can delete entries from the What arrays of BUILDREC, GETREC, DEPs and the Show Assignment function of BUILDREC. By entering the Data Dictionary number of the factor to be deleted, that factor will no longer appear in the record display.

If the manager decides that EYES is no longer desired in the GETREC display, an entry of 90 is made. All entries after 90 will be pushed up one position and the Where array will be automatically updated to show the deletion. If the Where array read 53 previous to the deletion, it will now read 52.

(3) *Re-enter factors.* The manager also has the capability of changing the display sequence by re-entering the What array. If this option is selected, the What array is completely erased. The manager may then re-enter the Data Dictionary factor numbers in the desired sequence. The Where array will then automatically be updated to show the new number of entries.

For a complete walk-through of the Update Display Sequence mode, refer to table 17-5.

Table 17-3
RPDICT Add New Factor mode.

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
1. DISPLAY VALIDATION CODES? (Y OR N)	1. Enter Y if a display of the validation code display is not desired. 2. Depress the carriage return key.	2
2. RPDICT then prompts for the item name, validation code, mandatory or desirable indicator, display length and Qualifications file check.	1. To add a factor, enter the required response as discussed in section 17-5(a) 1 through 4. (Validation codes of 310 and 429 cause RPDICT to skip prompts 4- 8; a validation code of 320 causes RPDICT to proceed through prompt 6 and then skip prompts 7 and 8; validation codes of 150, 340, and 620 cause PRDICT to proceed through prompt 5, skip prompt 6 and go to prompt 7.) 2. To return to the initial prompt, enter END. 3. Depress the carriage return key.	3 16
3. THE ABOVE INPUT HAS BEEN ACCEPTED CONTINUE (C) OR RE-ENTER (R)?	1. If the information has been entered incorrectly, enter R. 2. If the information has been entered correctly, enter C. 3. Depress the carriage return key.	2 4
4. DISPLAY TRANSLATION TABLE? (Y OR N)	1. Enter N if the display 2. Enter Y if a display of the translation table is desired. RPDICT displays the translation table 3. Depress the carriage return key.	5
5. TRANSLATION TABLE UPDATE: NEW ENTRIES (N) OR UPDATE FACTOR WITH EXISTING TRANSLATION POINTER (U)?	1. Enter N if adding new valid values to the Translation Table. 2. Enter U if using values that already exist in the Translation Table. 3. Depress the carriage return key.	6 8
6. ENTER DISCRETE ALPHA ITEMS HIT CARRIAGE RETURN TO EXIT ITEM/ITEM/ITEM/ITEM/ITEM/ITEM/ITEM/ITEM/ (This prompt is for validation code 320 only.)	1. To exit the prompt, depress the carriage return key without entering anything. 2. To enter valid values, enter the values beneath each item prompt and depress the carriage return key.	9 9
7. ENTER INTEGER ITEMS AS FOLLOWS: A RANGE FOR VAL CODE OF 620 2 4-DIGIT NUMBERS FOR VAL CODE OF 150 1 4-DIGIT NUMBER FOR VAL CODE OF 340 HIT CARRIAGE RETURN TO EXIT ITEM/ ITEM/ ITEM/ ITEM/ (This prompt is for validation codes of 150, 340, and 620 only.)	1. To exit the prompt, depress the carriage return key without entering anything. 2. To enter valid values, enter the required entries for the specific validation code entered in prompt 2, and depress the carriage return key.	9 9
8. EXISTING VALUES, RANGES OR ENTRIES IN TRANSLATION TABLE MAY BE USED BY ENTERING THE NUMBER POSITION OF THE FIRST ITEM OF THE VALUES, RANGE OR ENTRIES IN THE TABLE. (ALPHA DISCRETE VALUES ARE PRECEDED BY THE NUMBER OF ENTRIES -THIS IS THE POSITION TO USE WHEN ENTERING NUMBER POSITION.	1. Enter the first number position of the entries in the Translation Table desired as the valid values for the item entered in prompt 2. 2. To exit the prompt, depress the carriage return key without entering anything. 3. Depress the carriage return key.	9 9
9. UPDATES WILL NOT BE SAVED UNLESS TEST SEQUENCE OK! TEST SEQUENCE (T) OR END (E)	1. If a display of the test sequence is not desired, enter E. 2. To verify that changes have been made, enter T. 3. Depress the carriage return key.	12
10. RPDICT prints the sequence of data items as they appear in BUILDREC, line by line.	1. Enter valid values for the data items to verify the validity of the changes made. 2. Depress the carriage return key.	11

Table 17-3
RPDICT Add New Factor mode.—Continued

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
11. DISPLAY, CHANGE, OK, ERASE-RECORD	1. Enter D to display the record.	11
	2. Enter C, a space, the factor name, a space, and the information as it should appear to change responses.	11
	3. Enter 0 to check for valid responses.	
	a. If all responses are valid and all mandatory information has been entered, RPDICT returns to prompt 9.	9
	b. If invalid responses were entered or all mandatory information was not entered, RPDICT repeats prompt 11 until all valid information is entered via the change option.	
12. TEST SEQUENCE OK (Y OR N)	4. Enter E to erase the record.	9
	5. Depress the carriage return key.	
13. CREATE NEW BUILDREC? (Y OR N)	1. To erase the changes made during this Add New Factor session, enter N. RPDICT then terminates.	
	2. To implement the changes made to RMS, enter Y.	13
	3. Depress the carriage return key.	
14. UPDATES TO BUILDREC WILL BE EFFECTIVE IMMEDIATELY ON LIVE SYSTEM CONTINUE (C) OR NO(N)?	1. To erase changes after the test sequence has been run, enter N.	16
	2. To implement all changes as permanent to the RMS subsystem, enter Y.	14
	3. Depress the carriage return key.	
15. XQUAL MUST BE RUN IN ORDER FOR NEW FACTOR TO BE CHECKED	1. To return to the initial prompt of RPDICT, enter N.	16
	2. To implement the changes on BUILDREC, enter C.	15
16. REPORT FACTORS (R), ADD NEW FACTOR (A), DELETE FACTOR (D), TEST SEQUENCE (T), CREATE NEW BUILDREC (C), UPDATE DISPLAY SEQUENCE (U) OR END (E)?	3. Depress the carriage return key.	
	RPDICT is advising the user to run XQUAL after this session.	16
	Select and enter the desired function.	

Table 17-4
RPDICT Delete Factor mode.

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
1. WARNING: MAKE SURE THIS ITEM IS NOT USED AS A PREREQUISITE CHECK IN THE MOS QUALIFICATIONS FILE! ENTER FACTOR NAME TO BE DELETED OR END (END)	1. To exit the prompt, enter END.	9
	2. To delete a factor from position 44 through 66 in the Data Dictionary, enter the desired factor name to be deleted. (No other factors will be deleted)	2
	3. Depress the carriage return key.	
2. UPDATES WILL NOT BE SAVED UNLESS TEST SEQUENCE OK! TEST SEQUENCE (T) OR END (E)?	1. If a display of the test sequence is not desired, enter E.	5
	2. To display the test sequence and to validate the deletion, enter T.	3
	3. Depress the carriage return key.	
3. RPDICT prints the sequence of data items as they appear in BUILDREC, line by line.	Enter the desired information and depress the carriage return key.	4
4. DISPLAY, CHANGE, OK, ERASE-RECORD?	1. To display the record, enter D.	4
	2. To change information on the record, enter C, a space, the factor name, and the information as it should appear.	4
	3. To verify the record, enter 0.	
	a. If all responses are valid and all mandatory information has been entered, RPDICT repeats prompt 2.	
	b. If invalid responses were entered or all mandatory information was not entered, RPDICT repeats prompt 4 until all valid responses have been entered via the change option.	4

Table 17-4
RPDICT Delete Factor mode.—Continued

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
5. IS TEST SEQUENCE OK? (Y OR N)	1. To erase the deletion, enter N. RPDICT terminates. 2. To implement the deletion, enter Y. 3. Depress the carriage return key.	6
6. CREATE NEW BUILDREC (Y OR N)	1. To erase the deletion after the test has been run, enter N. 2. To implement the deletion as permanent, enter Y. 3. Depress the carriage return key.	9 7
7. UPDATES TO BUILDREC WILL BE EFFECTIVE IMMEDIATELY ON LIVE SYSTEM CONTINUE (C) OR NO (N)?	1. If the update is not to be implemented, enter N. 2. To implement the changes to BUILDREC, enter C. 3. Depress the carriage return.	9 8
8. XQUAL MUST BE RUN IN ORDER FOR NEW FACTOR TO BE CHECKED	RPDICT advises the user to run the XQUAL program.	9
9. REPORT FACTORS (R), ADD NEW FACTOR (A), DELETE FACTOR (D), TEST SEQUENCE (T), CREATE NEW BUILDREC (C), UPDATE DISPLAY SEQUENCE (U) OR END (E)?	Select and enter the desired function.	

Table 17-5
RPDICT Update Display Sequence mode.

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
1. UPDATE BUILDREC (B), DEP (D), OR GETREC (G), SHOW ASSIGNMENT (S) WHAT ARRAY OR END (E)	1. To exit the prompt, enter E. 2. To update the BUILDREC display sequence, enter B. 3. To update the GETREC display sequence, enter G. 4. To update the Show Assignment function of BUILDREC, enter S. 5. To update the DEP update sequence in BUILDREC, enter D. 6. Depress the carriage return key.	7 2 2 2 2
2. ADD (A), DELETE (D), OR REENTER (R) OR EXIT (E)?	1. To exit the prompt, enter E. 2. To add a Data Dictionary factor to the What array, enter A. 3. To delete a Data Dictionary factor from the What array, enter D. 4. To re-enter to entire What array, enter R. 5. Depress the carriage return key.	1 3
3. NEW #/PRECEDING # – (INCLUDE SLASH)	1. Enter the new factor number, enter a slash (/) and enter the number in the What array that is to precede the new entry. 2. Depress the carriage return key.	4
4. RPDICT prints out the new What and Where arrays OK (O) OR NO (N)?	1. To verify the change, enter O. 2. To erase the change, enter N. 3. Depress the carriage return key.	2 2
5. ENTER FACTOR # TO BE DELETED FROM WHAT ARRAY OR EXIT (E)	1. To exit the prompt, enter E. 2. To delete a factor, enter the corresponding Data Dictionary number. 3. Depress the carriage return key.	2 4
6. REENTER NEW WHAT ARRAY OR EXIT (E) / / / / / / /	1. To exit the prompt, enter E. 2. To re-enter a new What array, enter the desired Data Dictionary factor numbers between the slashes. 3. depress the carriage return key.	2 4
7. REPORT FACTORS (R), ADD NEW FACTOR (A), DELETE FACTOR (D), TEST SEQUENCE (T), CREATE NEW BUILDREC (C), UPDATE DISPLAY SEQUENCE (U) OR END (E)?	Select and enter the desired function.	

RPDICT PROGRAM - REPORTS AND UPDATES

DATA DICTIONARY FOR RMS HOLDING RECRUIT FILE

ANY UPDATES TO LIVE SYSTEM WILL NOT BE EFFECTIVE UNLESS CREATE NEW BUILDREC MODE IS RUN!

DO YOU WANT AA (A) OR REP (R) DATA DICTIONARY

A

REPORT FACTORS (R), ADD NEW FACTOR (A), DELETE FACTOR (D), TEST SEQUENCE (T),
CREATE NEW BUILDREC (C) UPDATE DISPLAY SEQUENCE (U) OR END (E)?

R

OF FACTORS IN DATA DICTIONARY - 89

ITEM NAME	/VALIDATION/ / CODE	/MANDATORY /DESIRABLE	OR/ /LENGTH	DISPLAY/ PTR	TRANS/ /CHK	QUAL
1 SOC-SEC-#	620	-1	10	47	N	
2 NAME	310	-1	29	777	N	
3 PHY PROF	150	-1	8	1	Y	
4 CIV ED	770	-1	8	777	N	
5 MATH	320	-1	5	9	Y	
6 SCI	320	-1	4	18	Y	
7 AFQT	621	-1	4	39	Y	
8 GT	626	-1	4	41	Y	

WHAT AND WHERE ARRAYS FOR BUILDREC

WHAT ARRAY:

1 2 24 22 29 21 4 28 25 3 23 5 6 31 32 33 7 8 9 10

11 12 13 14 15 16 17 18 19 20 35 34 36 37 38 39 40 0

WHERE ARRAY:

0 37

DISPLAY TRANSLATION TABLE?

Y

TRANSLATION TABLE

OF ENTRIES: 118

1111111	4444447	2	M	F
2	N	Y	8	GEN
GENE	ALG	ALGE	GEO	GEOM
TRI	TRIG	8	GEN	GENE
BIO	BIOL	CHE	CHEM	PHY
PHYS	6	NPS	PS	NPSR
PSR	CAS	PCAS	3	NON
R/G	NOR	0	10	100
0	160	0	135	0
164	1	999999999	48	84

DISPLAY VALIDATION CODES?

N

REPORT FACTORS (R), ADD NEW FACTOR (A), DELETE FACTOR (D), TEST SEQUENCE (T),
CREATE NEW BUILDREC (C), UPDATE DISPLAY SEQUENCE (U), OR END (E)?

E

Figure 17-4. RPDICT Report mode (partial sample of Data Dictionary).

R P D I C T PROGRAM - REPORTS AND UPDATES

DATA DICTIONARY FOR RMS HOLDING RECRUIT FILE

ANY UPDATES TO LIVE SYSTEM WILL NOT BE EFFECTIVE UNLESS CREATE NEW BUILDREC MODE IS RUN!

DO YOU WANT AA (A) OR REP (R) DATA DICTIONARY?

R

REPORT FACTORS (R), ADD NEW FACTOR (A), DELETE FACTOR (D), TEST SEQUENCE (T), CREATE NEW BUILDREC (C), UPDATE DISPLAY SEQUENCE (U) OR END (E)?

A

ADDING A FACTOR IN DATA DICTIONARY WILL BE DONE IN THIS SEQUENCE

- 1 - ENTER FACTOR INFORMATION
- 2 - ENTER TRANSLATION INFO WHEN APPLICABLE.

ENTER TRANSLATION DATA ONLY FOR THE NEW FACTOR BEING ADDED!
THE ADDED FACTOR WILL AUTOMATICALLY BE APPENDED TO THE WHAT & WHERE ARRAYS FOR BUILDREC

IF YOU DO NOT LIKE SEQUENCE CHANGE IT AFTER RUNNING TEST SEQUENCE

ACCEPTABLE ENTRIES UNDER MANDATORY OR DESIRABLE ARE:

- 1 FOR MANDATORY (MUST BE ENTERED IN BUILDREC)
- 1 FOR DESIRABLE (OPTIONAL ENTRY IN BUILDREC)

ACCEPTABLE ENTRIES FOR QUAL CHK ARE:

- Y (FOR FACTOR TO BE CHECKED AGAINST QUAL FILE)
- N (FOR NO CHECK AGAINST QUAL FILE)

DISPLAY VALIDATION CODES? (Y OR N)

N

ENTER NEW FACTOR OR END (END)

ITEM	/VALIDATION/MANDATORY	OR/DISPLAY/QUAL
NAME	/ CODE	/DESIRABLE /LENGTH / CHK
<u>EYE</u>	<u>320</u>	<u>1</u> <u>3</u> <u>N</u>
<u>EYE</u>	<u>320</u>	<u>I</u> <u>3</u> <u>N</u>

THE ABOVE INPUT HAS BEEN ACCEPTED
CONTINUE (C) OR RE-ENTER (R)?

C

DISPLAY TRANSLATION TABLE? (Y OR N)

N

TRANSLATION TABLE UPDATE:

NEW ENTRIES (N) OR UPDATE FACTOR WITH EXISTING TRANSLATION POINTER (U)?

N

ENTER DISCRETE ALPHA ITEMS

HIT CARRIAGE RETURN TO EXIT

ITEM/ITEM/ITEM/ITEM/ITEM/ITEM/ITEM/ITEM/ITEM/ITEM/

BLU BRO BLA HAZ GRE OTH

ITEM/ITEM/ITEM/ITEM/ITEM/ITEM/ITEM/ITEM/ITEM/ITEM/

Figure 17-5. RPDICT Add mode procedures with Translation Table update.

UPDATES WILL NOT BE SAVED UNLESS TEST SEQUENCE OK!

TEST SEQUENCE (T) OR END (E)?

I

SOC-SEC-# / NAME /CIT/SX/RACE /BIRTHDATE/
222333444 JANE SMITH Y F C 5/5/55
CIV ED / DVR LI/TYPE / PHY PROF / MATH / SCI / SEC/ S-S-SON/CONC-OBJ/
12 HSDG Y PS 1111111 ALG BIO X N N
AFQT/ GT / GM / EL / CL / MM / SC / CO / FA / OF / ST / AP / MVD / DLAB/
99 111 111 111 111 111 111 111 111 111 111 111 111 111
HEIGHT/BAT/DESIRED MO/COL-MAJ/COR-VIS/ELECTR/LANGUAGE/EYE/
65 N 12E1 N N N ENG BLU

DISPLAY, CHANGE, OK, ERASE-RECORD? OK

TEST SEQUENCE (T) OR END (E)?

E

IS TEST SEQUENCE OK (Y OR N)?

Y

CREATE NEW BUILDREC? (Y OR N)

Y

UPDATES TO BUILDREC WILL BE EFFECTIVE IMMEDIATELY ON LIVE SYSTEM
CONTINUE (C) OR NO (N)?

C

XQUAL MUST BE RUN IN ORDER FOR NEW FACTOR TO BE CHECKED

REPORT FACTORS (R), ADD NEW FACTOR (A), DELETE FACTOR (D), TEST SEQUENCE (T),
CREATE NEW BUILDREC (C), UPDATE DISPLAY SEQUENCE (U) OR END (E)?

E

Figure 17-5. RPDICT Add mode procedures with Translation Table update.—Continued

R P D I C T PROGRAM - REPORTS AND UPDATES

DATA DICTIONARY FOR RMS HOLDING RECRUIT FILE

ANY UPDATES TO LIVE SYSTEM WILL NOT BE EFFECTIVE
UNLESS CREATE NEW BUILDREC MODE IS RUN!

DO YOU WANT AA (A) OR REP (R) DATA DICTIONARY

A

REPORT FACTORS (R), ADD NEW FACTOR (A), DELETE FACTOR (D),
TEST SEQUENCE (T), CREATE NEW BUILDREC (C),
UPDATE DISPLAY SEQUENCE (U) OR END (E)?

D

WARNING: MAKE SURE THIS ITEM IS NOT USED AS A
PREREQUISITE CHECK IN THE MOS QUALIFICATIONS FILE!
ENTER FACTOR NAME TO BE DELETED OR END (END)

EYE

UPDATES WILL NOT BE SAVED UNLESS TEST SEQUENCED OK!
TEST SEQUENCE (T) OR END (E)?

T

SOC-SEC-# / NAME /CIT/SX/RACE /BIRTHDATE/

CIV ED / DVR LI/TYPE / PHY PROF / MATH / SCI / SEC/ S-S-SON/CONC-OBJ/

AFQT/ GT / GM / EL / CL / MM / SC / CO / FA / OF / ST / AP / MVD / DLAB/

HEIGHT/BAT/DESIRED MO/COL-MAJ/COR-VIS/ELECTR/LANGUAGE/EYE/

DISPLAY, CHANGE, OK, ERASE-RECORD? E
TEST SEQUENCE (T) OR END (E)?

E

IS TEST SEQUENCE OK (Y OR N)?

Y

CREATE NEW BUILDREC? (Y OR N)

Y

UPDATES TO BUILDREC WILL BE EFFECTIVE IMMEDIATELY ON LIVE SYSTEM
CONTINUE (C) OR NO (N)?

C

REPORT FACTORS (R), ADD NEW FACTOR (A), DELETE FACTOR (D), TEST SEQUENCE (T),
CREATE NEW BUILDREC (C), UPDATE DISPLAY SEQUENCE (U) OR END (E)?

E

Figure 17-6. RPDICT Delete mode.

RPDICT PROGRAM - REPORTS AND UPDATES

DATA DICTIONARY FOR RMS HOLDING RECRUIT FILE

ANY UPDATES TO LIVE SYSTEM WILL NOT BE EFFECTIVE UNLESS CREATE NEW BUILDREC MODE IS RUN!

DO YOU WANT AA (A) OR REP (R) DATA DICTIONARY?

R

REPORT FACTORS (R), ADD NEW FACTOR (A), DELETE FACTOR (D), TEST SEQUENCE (T), CREATE NEW BUILDREC (C), UPDATE DISPLAY SEQUENCE (U) OR END (E)?

U

UPDATE BUILDREC (B), DEP (D), OR GETREC (G)

SHOW ASSIGNMENT (S) WHAT ARRAY OR END (E)

R

CURRENT WHAT ARRAY:

1	2	24	22	21	4	28	25	3	23
5	6	31	32	33	7	8	9	10	11

WHERE ARRAY 0 20

ADD (A), DELETE (D), OR REENTER (R) OR EXIT (E)?

A

ENTER NEW FACTOR NUMBER AND PRECEDING FACTOR NUMBER
AS FOLLOWS:

NEW # / PRECEDING # - (INCLUDE SLASH)

12

11

CURRENT WHAT ARRAY:

1	2	24	22	21	4	28	25	3	23
5	6	31	32	33	7	8	9	10	11
12	0	0	0	0	0	0	0	0	0

WHERE ARRAY 0 21

ADD (A), DELETE (D), OR REENTER (R) OR EXIT (E)?

E

Figure 17-7. RPDICT Update Display Sequence mode with Add option.

Section IV OUTPUT DESCRIPTION

17-8. Output.

The RMS subsystem enable managers to change the display content of inductee records to correspond to changing Army needs. The output of the RPDICT program will vary accordingly. For samples of possible RPDICT output, refer to figures 17-4, 17-5, 17-6, and 17-7.

17-8A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

17-9. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. ERR IN ABBREV SUBROUTINE
2. ILLEGAL ACTION PASSED TO ACCRID.
3. NO MORE FACTORS MAY BE ADDED
4. FACTOR CANNOT BE ADDED-CALL REQUEST OFFICE
5. THIS WAS THE LAST ADDITION CONTACT REQUEST OFFICE TO MAKE FUTURE ADDITIONS.
6. FACTOR MAY NOT BE CHANGED AT THIS TIME—
7. INVALID VTYPE XXX FOR FACTOR
8. PROBLEM IN ALTER ROUTINE-CALL RQST OFFICE
9. IDIM-BINARY-INVALID DIMENSION IN BINARY SEARCH.
10. PROBLEM IN CONRAC ROUTINE-CALL RQST OFFICE.
11. PROBLEM IN CNFIRM ROUTINE-CALL RQST OFFICE.
12. INVALID POINTER VALUE: XX
13. INVALID CREDIT FOR YOUR LOCATION ID
14. INVALID VALUE OF PROMP.
15. PROBLEM IN DECISN ROUTINE.
16. ERROR IN MOVECH-DELFAC SUBR.
17. PROBLEM IN DSPLAY ROUTINE-CALL RQST OFFICE.
18. ERR REPDD MOVE CHAR.
19. YEARS COMPLETED NOT CONSISTENT WITH EDUCATION CODE
20. THE FOLLOWING RECORDS WERE NOT PROCESSED DUE XXXXX
21. ERROR GETNUM, INVALID START & END SEARCH ARGUMENTS:
22. ERROR ON LUN=XXX
 VSAM ERROR RETURN CODE=XXXX
 ACTION CODE=XXX
 KEYS (IN HEX)=XXXXXXXXXX
 RECORD TYPE=XXX
 SPARE VARIABLE 1=XXXXXX
 SPARE VARIABLE 2=XXXXXX
23. CALL REQUEST OFFICE
24. XX IS AN INVALID MODE ARGUMENT IN IORID SUB
25. 2120 INITIAL CREDIT SEGMENT NOT ASSIGNED IORIDS, KEYRAY(1)=XXXX KEYRAY(2)=XX
26. ERROR ON CREATE NEWBLD.
27. FAILURE IN PROMPT ROUTINE-CALL RQST OFFICE.
28. ERROR: TEXT MUST END WITH A PERIOD-QUIT
29. PROBLEM IN SCHOOL ROUTINE-CALL RQST OFFICE.
30. VSAM ERROR=XXXX ON LUN XXX
31. VMCF ERROR=XXXXXXXX FOR LUN XXX
32. NO SINK AVAILABLE FOR LUN XXX
33. ERROR: XXXX IS AN INVALID CREDIT

17-10. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 17-6
Operation Errors.

MESSAGE: INVALID ENTRY-REENTER ENTIRE LINE

ACTION: The user has entered an invalid entry during the Translation Table update. Re-enter the entire line, entering valid information.

MESSAGE: INVALID FACTOR NAME—

ACTION: During the test sequence, the user has entered an invalid factor name. Enter a valid factor name.

MESSAGE: INVALID LINE NUMBER—

ACTION: During the test sequence, the user has attempted to change an entire line. Enter C and a valid line number.

Table 17-6
Operation Errors.—Continued

MESSAGE: INVALID DATE—

ACTION: During the test sequence, the user entered an invalid date. Enter a valid date.

MESSAGE: FACTOR VALUE MUST BE INTEGER

ACTION: During the test sequence, the user entered alphabetic characters where integers only were valid. Enter valid integers.

MESSAGE: FACTOR VALUE EXCEEDS LIMIT—

ACTION: During the test sequence, the user has entered an out-of-range entry. Enter a valid range entry.

MESSAGE: RESTRICTED FACTOR—

ACTION: The user has tried to change or delete a restricted factor, which is not allowed. Enter another factor to be deleted or changed or select another option.

MESSAGE: INVALID RESPONSE

ACTION: The user has entered an invalid response to an option. Enter a valid option.

MESSAGE: FACTOR NOT FOUND

ACTION: During deletion procedures, the user has attempted to delete a factor that does not exist in any of the arrays or tables. Enter a valid deletion.

MESSAGE: FACTOR CANNOT BE DELETED

ACTION: The user has attempted to delete a factor that does not appear in positions 44-66. This is not allowed. Enter a valid factor for deletion.

MESSAGE: NO DUPLICATES ALLOWED

ACTION: During add procedures, the user has attempted to add a factor to the Data Dictionary that already exists. Enter a new factor.

MESSAGE: INVALID VALIDATION CODE

ACTION: The user has entered an invalid Validation code. Enter a valid validation code.

MESSAGE: INVALID ENTRY FOR MANDATORY OR DESIRABLE

ACTION: The user has entered an invalid mandatory/desirable indicator. Enter -1 for mandatory, 1 for desirable.

MESSAGE: DISPLAY LENGTH MUST BE GREATER THAN 4

ACTION: The user has entered an item that requires a display length of greater than 4. Enter a display length greater than 4.

MESSAGE: INVALID EDUCATION CODE

ACTION: During the test sequence, the user has entered an invalid education code. Enter a valid education code.

MESSAGE: INVALID ENTRY FOR XXXX

ACTION: During the test sequence, the user has entered an invalid entry. Enter a valid response.

MESSAGE: -REQUIRED FACTOR XXXX

ACTION: During the test sequence, the user has not entered a response for a required factor. Enter a valid response for the factor.

MESSAGE: INVALID VALUE OF FACTOR XXXX

ACTION: During the test sequence, the user has entered an invalid value for a factor. Enter a valid value.

MESSAGE: INVALID DATE OF FACTOR XXXX

ACTION: During the test sequence, the user has entered an invalid date.
Enter a valid date.

MESSAGE: XXXX OUT OF RANGE

ACTION: During the test sequence, the user has entered an out-of-range entry. Enter a valid range entry.

MESSAGE: XXXX MUST BE A XXXX

ACTION: The factor must have a certain day of the week entered. Enter the required day of the week.

MESSAGE: INVALID ENTRY UNDER DISPLAY LENGTH

ACTION: The user has entered a display length, and has then attempted to enter a valid value greater in length than the display length.
Enter a valid value less than or equal to the display length.

MESSAGE: INVALID ENTRY FOR QUAL CHECK

ACTION: The user has entered an invalid entry for the Qualifications file check. Enter Y or N.

MESSAGE: NON-INTEGERS RE-ENTER ENTIRE LINE

ACTION: During the Translation Table update, the user has entered an invalid alphabetic character. Enter valid integers only.

Table 17-6
Operation Errors.—Continued

MESSAGE: -NON-NUMERIC VALUE OF FACTOR XXXX

ACTION: The user has entered a non-numeric entry for a factor that requires a numeric value. Enter a valid numeric value.

MESSAGE: VALUE EXCEEDS XXXXXXXXXX FOR FACTOR XXX

ACTION: The user has entered a value for a factor that exceeds the valid limit. Enter a value that falls within the valid limit.

MESSAGE: SLASH NOT ENTERED

ACTION: During the add option of the Update Display Sequence mode, the user did not enter a slash between the new entry and the previous factor number. Re-enter the information and include the slash.

MESSAGE: NO BLANK OUT FOR REQUIRED FACTOR—

ACTION: During the test sequence, the user has attempted to enter an asterisk for a required factor. (Users may enter an asterisk in place of a response for non-required factors.) The “blank out” is invalid for required factors. Enter a valid response.

Chapter 18

RPTACM PROGRAM

Section I

PROGRAM SUMMARY

18-1. Purpose.

The RPTACM program reports the number of reservations for combat MOSs and total reservations to date for a specified location ID (LOCID). If the LOCID is shared with other LOCIDs in the same MEPS, the shared LOCID is displayed.

18-2. Applicability.

The RPTACM program is accessed by the following user groups:

- a. KEYSTONE Branch

18-3. Functions.

RPTACM has one function. The program reports the number of combat reservations and total reservations made to date.

18-4. Options.

RPTACM provides the user with several options. The user can generate a report for a particular LOCID or for all LOCIDs, or the user can generate a summary of all the reservations made.

Section II

INPUT REQUIREMENTS

18-5. Data Items.

RPTACM requires the user to enter a valid LOCID to generate a report for that LOCID.

18-5A. Title not used.

Paragraph not used.

Section III

PROGRAM OPERATION

18-6. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, “LIST” OR “OFF”

The user enters RPTACM and depresses the carriage return key. The RPTACM program is now ready to communicate with the user.

18-7. Procedures.

Follow the procedures described below to execute the RPTACM program. See figures 18-1, 18-2, and 18-3 for sample report generation procedures.

Table 18-0
Procedures.

RPTACM: ENTER A LOCID, OR ALL, OR TOTAL, OR END

USER:

1. To generate a report of reservations made, enter a valid LOCID. The program prints the report and returns to the prompt above.
 2. To generate a report of reservations made for all LOCIDs, enter ALL. The program prints the report and returns to the prompt above.
 3. To generate a summary report of combat reservations and total reservations, enter TOTAL. The program prints the report and returns to the prompt above.
 4. To terminate processing, enter END.
 5. Depress the carriage return key.
-

```
ENTER A LOCID, OR ALL, OR TOTAL, OR END
AK7
LOCID / PRIMARY / COMBAT / TOTAL / SHARED LOCIDS
  AK7      AK7      5003      10004      10A
ENTER A LOCID, OR ALL, OR TOTAL, OR END
END
```

Figure 18-1. RPTACM—specified LOCID.

```
ENTER A LOCID, OR ALL, OR TOTAL, OR END
ALL
PRIMARY / COMBAT / TOTAL / SHARED LOCID
PEN      5004      10003
F32      5000      10000      1F2
3A9      5000      10000      27A
ENTER A LOCID, OR ALL, OR TOTAL, OR END
END
```

Figure 18-2. RPTACM—all LOCIDs.

```
ENTER A LOCID, OR ALL, OR TOTAL, OR END
TOTAL
TOTAL COMBAT RES= 1000015 TOTAL RES= 2000027
ENTER A LOCID, OR ALL, OR TOTAL, OR END
END
```

Figure 18-3. RPTACM—summary report.

Section IV

OUTPUT DESCRIPTION

18–8. Output.

RPTACM provides output in the format described in table 18–1.

Table 18–1
RPTACM output data items.

Field Name	Field Label	Content Description
Location ID	LOCID	The user's valid location ID.
Primary location ID	PRIMARY	The primary LOCID for a particular MEPS.
Combat reservations	COMBAT	The number of combat reservations made for a specified LOCID to date.
Total reservations made	TOTAL	The total number of reservations made for a specified LOCID to date.
Shared location ID	SHARED LOCID	If an MEPS has more than one LOCID, a shared LOCID will be displayed. If there are no other LOCIDs, this field is left blank.
Total combat reservations made	TOTAL COMBAT RES	The total number of combat reservations made for all LOCIDs to date.
Total reservations made	TOTAL RES	The total number of reservations made for all LOCIDs to date.

18–8A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

18–9. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. INCONSISTENCY AT XXX LOCID = XXXX ACM = XXXX
2. ERROR: NON-INTEGGER USERID-USEGET.

18–10. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 18–2
Operation Errors.

MESSAGE: LOCID XXXX NOT FOUND

ACTION: The user has entered an invalid LOCID. Enter a valid LOCID, ALL or TOTAL.

18–10B. Title not used.

Paragraph not used.

Chapter 19

RMSBCT PROGRAM

Section I

PROGRAM SUMMARY

19–1. Purpose.

The RMSBCT program enables users to report and update basic training quotas, assignments, and locations.

19–2. Applicability.

The RMSBCT program is accessed by the following user groups:

- a. KEYSTONE Branch
- b. Reception Stations
- c. Training and Doctrine Command

19–3. Functions.

RMSBCT has two functions. These include:

- a. *Reports.* RMSBCT allows users to report the basic training quotas, assignments, and locations available from the Basic Training (BT) file.
- b. *Updates.* RMSBCT allows users to update the basic training quotas, assignments, and locations available from the Basic Training file.

19–4. Options.

RMSBCT provides the user with the following options:

- a. *Quotas.* The user can report and update BT quotas. The user can choose a report or an update of either all BT locations or a specific location, either for male or female inductees, and either for short or regular length BT courses.
- b. *Assignments.* The user can report or update assignments at both primary and secondary BT locations. The user can choose a report or update according to AIT, AA, or REP location either for all locations or for a specific location.
- c. *Location Availability.* The user can report Reception Station locations for either male or female inductees, for all or individual Reception Stations, and for short or regular length BT courses. The user can update the availability of Active Army, Army Reserve, or National Guard BT locations.

Section II

INPUT REQUIREMENTS

19–5. Data Items.

RMSBCT requires the user to enter the items described below in table 19–1.

Table 19–1
RMSBCT Input data items.

Field Name	Field Label	Content Description
Advanced Individual Training	AIT (8)	Enter AIT to report or update assignments of primary and secondary BT locations associated with AIT locations.
Active Army	AA (8)	Enter AA to report or update assignments of primary and secondary BT locations associated with AA locations.
Reserve enlistment program	REP(8)	Enter REP to report or update assignments of primary and secondary BT locations associated with REP locations.
All	ALL(3)	Enter ALL to report or update all Quotes, assignments, and locations on the BT file.
Location	LOCATION (8)	Enter a current BT location to report or update assignments; enter a Reception Station location to report or update quotes or available locations.
Type of location	TYPE OF LOCATION (3)	Enter AIT, AA or REP for an assignment report or update.

Table 19-1
RMSBCT Input data items.—Continued

Field Name	Field Label	Content Description
Type	TYPE (1)	Enter M for male or F for female for a quotas or locations report or update.
Length	LENGTH (1)	Enter S for a short-term BT course or R for a regular length BT course for a quotas or locations report or update.
BCT Quota	BCT QUOTA (4)	The quota, or number, of BT reservations.

19-5A. Title not used.

Paragraph not used.

Section III
PROGRAM OPERATION

19-6. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters RMSBCT and depresses the carriage return key. The RMSBCT program is now ready to communicate with the user.

19-7. Procedures.

Follow the procedures below to execute RMSBCT. See figures 19-1 through 19-4 for samples of the reports and updates generated by RMSBCT.

Table 19-1A
Procedures.

RMSBCT: QUOTAS(Q), ASSIGNMENTS(A), LOCATION AVAILABILITY(L), OR END(E)?

USER:

1. To report or update quotas, enter Q and see table 19-2 for the procedures.
 2. To report or update assignments, enter A and see table 19-3 for the procedures.
 3. To report or update available locations, enter L and see table 19-4 for the procedures.
 4. To end the terminal session, enter E.
 5. Depress the carriage return key.
-

QUOTAS(Q), ASSIGNMENTS(A), LOCATION AVAILABILITY(L) OR END(E)

Q

START WEEK- 1/12/82

END WEEK - 22/ 2/83

ACTION / LOCATION / TYPE / LENGTH / BEG RECSTA / END RECSTA

(R,U,E) (NAME OR ALL) (M OR F) (S OR R)

U DIX M R 1/12/82 1/12/82

RECEPTION STATION WEEK OF 1/12/82

MALE	LEN	BCT	TOTAL	AA RES	AR RES	NG RES
LOCATION /	/	QUOTA/	RES/PRE-AL /	BCT/PRE-AL /	BCT/PRE-AL /	BCT/PRE-AL /
DIX	R	50	0 0	0 0	0 0	0 0

-----/-----

40	OSUT TOTAL	AA	AR	NG
QUOTA/	RES	RES	RES	RES
0	0	0	0	0

QUOTAS(Q), ASSIGNMENT(A), LOCATION AVAILABILITY(L) OR END(E) E

Figure 19-1. RMSBCT Update mode for BCT quotas.

QUOTAS(Q), ASSIGNMENTS(A), LOCATION AVAILABILITY(L) OR END(E)

A

ACTION / TYPE OF LOCATION / LOCATION
(R,U,E) (AIT, AA, REP) (OR ALL)

U

AA

ALL

FOR DELETION OF BT ASSIGNMENT, ENTER XXXX UNDER APPROPRIATE COLUMN

AIT LOCATION / PRIMARY / SECONDARY / PRIMARY / SECONDARY /

LOCATION ID MALE BT MALE BT FEMALE BT FEMALE BT

AK7 KNOX SILL MCCLELL JACKSON

-----/-----

XXXX

QUOTAS(Q), ASSIGNMENT(A), LOCATION AVAILABILITY(L) OR END(E) E

Figure 19-2. RMSBCT Update mode for BT assignments by AA location.

QUOTAS(Q), ASSIGNMENTS(A), LOCATION AVAILABILITY(L) OR END(E)

A

ACTION / TYPE OF LOCATION / LOCATION

(R,U,E) (AIT, AA, REP) (OR ALL)

U

AIT

SILL

FOR DELETION OF BT ASSIGNMENT, ENTER XXXX UNDER APPROPRIATE COLUMN

AIT LOCATION / PRIMARY / SECONDARY / PRIMARY / SECONDARY /

LOCATION ID MALE BT MALE BT FEMALE BT FEMALE BT

SILL

LWOOD

LWOOD

----- / / / /

XXXX

QUOTAS(Q), ASSIGNMENT(A), LOCATION AVAILABILITY(L) OR END(E) E

Figure 19-3. RMSBCT Update mode for BT assignments by AIT location.

QUOTAS(Q), ASSIGNMENTS(A), LOCATION AVAILABILITY(L) OR END(E)

L

START WEEK- 1/12/82

END WEEK - 22/ 2/83

ACTION / LOCATION / TYPE / LENGTH / BEG RECSTA / END RECSTA

(R,U,E) (NAME OR ALL) (M OR F) (S OR R)

U

JACKSON

F

R

ENTER Y FOR AVAILABLE, N FOR NOT AVAILABLE UNDER APPROPRIATE HEADER

RECEPTION STATION WEEK OF 1/12/82

LOCATION / TYPE / LENGTH / AA / AR / NG /

JACKSON FEM 8 Y Y Y

----- / / / /

N N N

QUOTAS(Q), ASSIGNMENT(A), LOCATION AVAILABILITY(L) OR END(E) E

Figure 19-4. RMSBCT Update mode for BT locations.

Table 19-2
Report/update procedures for quotas.

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
1. START WEEK- XX/XX/XX END WEEK - XX/XX/XX ACTION / LOCATION / TYPE / (R,U,E) (NAME OR ALL) (M OR F) LENGTH / BEG RECSTA / END RECSTA (S OR R)	To report, enter R, the number of locations (individual location name or ALL, the gender (M or F), and the length of the BT course (S or R). To update, enter U, the number of locations (individual location name or ALL, the gender (M or F), and the length of the BT course (S or R). To end, enter E to return to the initial program prompt.	1 2
2. RECEPTION STATION WEEK OF XX/XX/XX The program then prints out the column headers, leaving space to enter the new BCT quota.	Enter the new BCT quota under the appropriate header, keeping within the slashes.	1

Table 19-3
Report/update procedures for assignments.

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
1. ACTION /TYPE OF LOCATION/LOCATION (R,U,E) (AIT, AA, REP) (OR ALL)	To report, enter R, the desired type of location (AIT, AA, or REP), and the number of locations (individual location name or ALL) To update by AIT location, enter U, AIT, and the number of locations (individual location name or ALL) To update by AA location, enter U, AA, and the number of locations (individual location name or ALL) To update by REP location, enter U, REP, and the number of locations (individual location name or ALL) To end, enter E to return to the initial program prompt.	1 2 3 4
2. FOR DELETION OF BT ASSIGNMENT, ENTER XXXX UNDER APPROPRIATE COLUMN The program then prints out the column headers, leaving space to enter XXXX.	To delete by AIT location, enter XXXX under the appropriate headers, keeping within the slashes.	1
3. FOR DELETION OF BT ASSIGNMENT, ENTER XXXX UNDER APPROPRIATE COLUMN The program then prints out the column headers, leaving space to enter XXXX.	To delete by AA location, enter XXXX under the appropriate headers, keeping within the slashes.	1
4. FOR DELETION OF BT ASSIGNMENT, ENTER XXXX UNDER APPROPRIATE COLUMN The program then prints out the column headers, leaving space to enter XXXX.	To delete by REP location, enter XXXX under the appropriate headers, keeping within the slashes.	1

Table 19-4
Report/update procedures for location.

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
1. START WEEK- XX/XX/XX END WEEK - XX/XX/XX ACTION / LOCATION / TYPE / (R,U,E) (NAME OR ALL) (M OR F) LENGTH / BEG RECSTA / END RECSTA (S OR R)	To report, enter R, the number of locations (individual location name or ALL, the gender (M or F), and the length of the BT course (S or R). To update, enter U, the number of locations (individual location name or ALL), the gender (M or F), and the length of the BT course (S or R). To end, enter E to return to the initial program prompt.	1 2
2. ENTER Y FOR AVAILABLE, N FOR NOT AVAILABLE UNDER APPROPRIATE HEADER The program then prints the column headers, leaving space for a Y or N entry.	Enter Y for available AA, AR, or NG location. Enter N for non-available AA, AR, or NG location.	1

Section IV

OUTPUT DESCRIPTION

19-8. Output.

RMSBCT provides three types of reports: BT and OSUT quotas, primary and secondary BT location assignments, and Reception Station locations, as described in table 19-5.

Table 19-5
RMSBCT output data items.

Field Name	Field Label	Content Description
AIT Location/ Location ID	AIT LOCATION/ LOCATION ID	Location name of the AIT (if type of location entered = AIT) or the location ID of the AIT (if type of location entered = AA).
Primary male basic training	PRIMARY MALE BT	The primary male BT location.
Secondary male basic training	SECONDARY MALE BT	The secondary male BT location.
Primary female basic training	PRIMARY FEMALE BT	The primary female BT location.
Secondary female basic training Male location	SECONDARY FEMALE BT MALE LOCATION	The secondary female BT location. The Location of the Reception station for males.
Length	LEN	Length of the BT course S = short-term course; R = regular length course.
One Station Unit Training Total	OSUT TOTAL	The total number of One station Unit Training reservations.
BCT Quota	BCT QUOTA	Quota of BT reservations.
Total Reservations	TOTAL RES	Total of reservations at a particular reception station.
Pre-allocated	PRE-AL	Reservations that were pre-allocated to a particular reception station.
Active Army Basic Combat Training	AA BCT	The number of Active Army BT reservations.
Army Reserve Basic Combat Training	AR BCT	The number of Army Reserve BT reservations.
National Guard Basic Combat Training	NG BCT	The number of National Guard BT reservations.
Station type	STATION TYPE	Training station type by gender. MAL = male training station; FEM = female training station.
Reception Location	RECEPTION LOCATION	Location of BT Reception Station.
Length	LENGTH	Length of RT course at user-specified Reception Station locations.
Active Army	AA	Indicator of Active Army BT location.
Army Reserve	AR	Indicator of Army Reserve BT location.

Table 19-5
RMSBCT output data items.—Continued

Field Name	Field Label	Content Description
National Guard	NG	Indicator of National Guard BT location.
Beginning Reception Station	BEG RECSTA	Beginning Reception Station date.
End Reception Station	END RECSTA	End Reception Station date.

19-8A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

19-9. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. ERROR READING IN SI009.
2. ERROR IN UPDATE IN SI009.
3. ERROR IN READING IN SI009.
4. ERROR ERROR IN SI009.
5. WRITE ERROR IN SI009.
6. ERROR IN SI009 TYPE.
 ACT = 5 NOT ALLOWED FOR TYPE = 1.
 ERROR IN COUNT AND VALUE ARGUMENTS IN SI009.
 ACT = 6 ONLY ALLOWED FOR TYPE 7 THROUGH 10.
7. INVALID ACTION CODE - MSI002 XXX INVALID TYPE FOR ACTION XXX
 ERROR IN MOVECH-MOVE=XXX-MSI002
 KEY(6) = XXXX INVALID RECORD NUMBER FOR ACTION 6
 COUNTER = XXX INVALID FOR ACTION 6
 VALUE = XXX INVALID FOR ACTION 6
8. ERROR ON LUN XXX
 VSAM ERROR RETURN CODE = XXXX
 ACTION CODE = XXX
 KEYS IN HEX = XXXX
 RECORD TYPE= XXX
 SPARE VARIABLE1 = XXXXXX
 SPARE VARIABLE2 = XXXXXX
9. VSAM ERROR = XXXX ON LUN XXX
 VMCF ERROR = XXXXXXXX ON LUN XXX
 NO SINK AVAILABLE FOR LUN XXX

19-10. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 19-6
Operation Errors.

MESSAGE: UPDATES NOT ALLOWED

ACTION: The user ID which has been entered does not enable the user to update the quotas, assignments, and locations on the BT file. Enter a valid ID to update the quotas, assignments, and locations on the BT file.

MESSAGE: LOCATION NOT FOUND

ACTION: In getting a report of quotas, assignments, or locations, the user entered an AIT, AA, or REP location name not currently on the BT file. Enter an AIT, AA, or REP location name currently on the BT file.

MESSAGE: (ENTRY) IS INVALID. ENTER AGAIN.

ACTION: In updating an assignment, the user entered an invalid deletion message. Enter XXXX, the valid deletion message under the appropriate column.

Chapter 20 RPTCAS PROGRAM

Section I PROGRAM SUMMARY

20-1. Purpose.

The RPTCAS program reports and updates male and female quotas and reservations on the Civilian Acquired Skill (CAS) file.

20-2. Applicability.

The RPTCAS program is accessed by the following user groups:

- a. KEYSTONE Branch.
- b. Accessions Management Branch.

20-3. Functions.

RPTCAS has two functions. These include generating a report of male and female CAS quotas and reservations, and updating male and female CAS quotas.

20-4. Options.

RPTCAS provides the user with the options of adding, changing, and deleting male and female CAS quotas.

Section II INPUT REQUIREMENTS

20-5. Data Items.

RPTCAS requires the user to enter the items described below in table 20-1.

Table 20-1
RPTCAS input data items.

Field Name	Field Label	Content Description
Beginning MOS code	BEGIN MOS (4)	Enter the beginning MOS code for a range of MOS codes to be reported.
Ending MOS code	END MOS (4)	Enter the ending MOS code for a range of MOS codes to be reported.
MOS code	MOS (4)	Enter an MOS code to be added, changed or deleted.
Male CAS quota	MQUOTA	Enter a number to represent the number of male CAS volunteers allowed for the MOS.
Female CAS quota	FQUOTA	Enter a number to represent the number of female CAS volunteers allowed for the MOS.

20-5A. Title not used.

Paragraph not used.

Section III PROGRAM OPERATION

20-6. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters RPTCAS and depresses the carriage return key. The RPTCAS program is now ready to communicate with the user.

20-7. Procedures.

Follow the procedures described below to execute the RPTCAS program. Refer to figures 20-1 and 20-7 for sample RPTCAS output.

Table 20-1A
Procedures.

MESSAGE:

REPORT/UPDATE PROGRAM FOR THE CAS FILE
REPORT, UPDATE OR END?

ACTION:

1. To terminate processing, enter E.
 2. To generate a report of quotas and reservations for the CAS file, enter R. Proceed to the next prompt.
 3. To update quotas on the CAS file, enter U and refer to table 20-2.
 4. Depress the carriage return key.
-

MESSAGE: BEGIN MOS/END MOS

ACTION:

1. Enter the beginning and ending MOS codes for the range of MOS codes to be reported.
 2. Depress the carriage return key.
-

MESSAGE: REPORT, UPDATE OR END?

ACTION: Select and enter the desired function.

```
REPORT/UPDATE PROGRAM FOR THE CAS FILE
REPORT, UPDATE, OR END?
R
BEGIN MOS/END MOS
11B1      11B1
MOS/M-QUOTA/M-RTD/F-QUOTA/F-RTD
11B1  1200    24    67    10
REPORT, UPDATE OR END?E
```

Figure 20-1. RPTCAS report mode.

```

REPORT, UPDATE, OR END?
U
CHANGE(C), DELETE(D), ADD(A) or END(E) :
A

MOS /MQOTA/FQUOTA
12E1 600 200

CHANGE(C), DELETE(D), ADD(A) OR END(E) :
C
BEGIN MOS/END MOS
12E1 12E1

ENTER NEW VALUES
FOR NO UPDATE: PRESS RETURN WITHOUT MAKING AN ENTRY
LEAVE BLANK FOR NO CHANGE

MOS /M-QUOTA/M-RTD /F-QUOTA/F-RTD
12E1 600 0 200 0
      48 600

CHANGE(C), DELETE(D), ADD(A) OR END(E) :
D
ENTER MOS :
12E1
CHANGE(C), DELETE(D), ADD(A) OR END(E): E

```

Figure 20-2. RPTCAS Update mode with add, change and delete options.

Table 20-2
RPTCAS update procedures.

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
1. CHANGE(C), DELETE(D), ADD(A), OR END(E):	1. To exit the prompt, enter E. 2. To add a new MOS code with CAS quotas, enter A. 3. To change CAS quotas for an MOS, enter C. 4. To delete an MOS from the CAS file, enter D. 5. Depress the carriage return.	6 2 3 5
2. MOS /MQOTA/FQUOTA	1. Enter the desired MOS code and a male quota and a female quota. 2. Depress the carriage return.	1
3. BEGIN MOS/END MOS	1. Enter a beginning MOS code and an ending MOS code for a range of MOS CAS quotas to be changed. 2. Depress the carriage return.	4
4. ENTER NEW VALUES FOR NO UPDATE: PRESS RETURN WITHOUT MAKING AN ENTRY LEAVE BLANK FOR NO CHANGE MOS/M-QUOTA/M-RTD/F-QUOTA/F-RTD	1. Enter the desired MOS code, a desired quota for males and a desired female quota. 2. Depress the carriage return.	1
5. ENTER MOS :	1. Enter the MOS code to be deleted from the CAS file. 2. Depress the carriage return.	1
6. REPORT, UPDATE OR END?	Select and enter the desired option.	

Section IV

OUTPUT DESCRIPTION

20–8. Output.

RPTCAS provides output in the format described in table 20–3.

Table 20–3
RPTCAS output fields.

Field Name	Field Label	Content Description
MOS code	MOS	A valid four-digit MOS code.
Male CAS quota	MQOTA	A quota for CAS males.
Female CAS quota	FQUOTA	A quota for CAS females.
Male CAS reservations to date	M-RTD	The number of male CAS reservations made for a specified MOS.
Female CAS reservations to date	F-RTD	The number of female CAS reservations made for a specified MOS.

20–8A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

20–9. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. IDIM-BINARY-INVALID DIMENSION IN BINARY SEARCH.
2. ERROR ON LUN = XXX
VSAM ERROR RETURN CODE = XXXX
ACTION CODE = XXX
KEYS (IN HEX) = XXXXXXXX
RECORD TYPE = XXX
SPARE VARIABLE 1 = XXXXXX
SPARE VARIABLE 2 = XXXXXX
3. CALL REQUEST OFFICE.
4. ERROR: TEXT MUST END WITH A PERIOD
5. VSAM ERROR = XXXX ON LUN = XXX
6. VMCF ERROR = XXXXXXXX FOR LUN XXX
7. NO SINK AVAILABLE FOR LUN XXX
8. **** TRACE BACK ****
ENTRY POINT ENTRY ADDRESS RETURN ADDRESS

20–10. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 20–4
Operation Errors.

MESSAGE: MOS XXXX NOT ON QUAL FILE

ACTION: The user has entered an invalid MOS code. Enter a valid MOS code.

MESSAGE: MOS XXXX IS ALREADY ON CAS FILE

ACTION: The user has attempted to add an MOS code that is already on the CAS file. Enter a new MOS code.

MESSAGE: MOS XXXX NOT ON CAS FILE

ACTION: The user has attempted to delete an MOS code that does not exist on the CAS file. Enter a valid MOS code to be deleted.

Chapter 21 UNMTCH PROGRAM

Section I PROGRAM SUMMARY

21-1. Purpose.

The UNMTCH program cancels assignments made by RMSRCH or VRQSTR.

21-2. Applicability.

The UNMTCH program is accessed by the following user groups:

- a. KEYSTONE Branch.
- b. Reception Stations.
- c. Guidance Counselors/District Recruiting Command.

21-3. Functions.

UNMTCH has one function. The program cancels individual assignments. The individual record is retained on the Recruit Holding file so that a new assignment may be made.

Section II INPUT REQUIREMENTS

21-4. Data Items.

UNMTCH requires the user to enter the location ID of the MEPS and the social security number of the individual record to be cancelled.

21-4A. Title not used.

Paragraph not used.

Section III PROGRAM OPERATION

21-5. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters UNMTCH and depresses the carriage return key. The program is now ready to communicate with the user.

21-6. Procedures.

Follow the procedures described below to execute the UNMTCH program. Refer to figure 21-1 for a sample UNMTCH output.

Table 21-1
Procedures.

UNMTCH: ENTER LOCID:

USER: Enter a valid LOCID for the desired MEPS and depress The carriage return key.

UNMTCH: SOCIAL SECURITY NO. OR END (E):

USER:

1. To terminate the program, enter E.
 2. To cancel an assignment, enter the individual's social security number.
 3. Depress the carriage return key.
-

UNMTCH: The program then prints out the individual's record and prompts:

CANCEL THIS ASSIGNMENT (Y OR N)?

USER:

1. To discontinue the cancellation, enter N.

Table 21-1
Procedures.—Continued

2. To cancel the assignment, enter Y.
 3. Depress the carriage return key.
-

UNMTCH: ASSIGNMENT CANCELLED, HOLDING RECORD SAVED SOCIAL SECURITY NO. OR END (E)

USER: The user can continue to cancel as many records as desired until E is entered.

```
ACTION          TYPE OF LOC
(R,A,D,C,E) / (M OR F)
D              M
ENTER LOCATION NAME TO BE DELETED
CHATHAM
CHATHAM DELETED FROM FILE
ACTION          TYPE OF LOC
(R,A,D,C,E) / (M OR F)
E
```

Figure 21-1. UNMTCH Cancellation mode.

Section IV

OUTPUT DESCRIPTION

21-7. Output.

The RMS subsystem enables managers to vary the required items on an individual's record. Therefore, the display format of UNMTCH output will also vary. Refer to figure 21-1 for a sample UNMTCH output.

21-3A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

21-8. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. COUNT=XXX ACMLOCID RECORD NOT DECREMENTED PROCESSING
CONTINUES-NOTIFY REQUEST OFFICE.
2. RECRUITS BT LOC NOT FOUND-NO UPDATE OF BT FILE
3. BT FILE NOT UPDATED, COUNT=XXX
PROCESSING CONTINUES
4. IDM-BINARY-INVALID DIMENSION IN BINARY SEARCH.
5. INVALID VTYP (XXX) FOR FACTOR.
6. PROBLEM IN DISPLAY ROUTINE-CALL RQST OFFICE.
7. ERROR ON LUN=XXX
VSAM ERROR RETURN CODE=XXXX
ACTION CODE=XXX
KEYS (IN HEX)=XXXXXXXXXX
RECORD TYPE=XXX
SPARE VARIABLE 1=XXXXXXX
SPARE VARIABLE 2=XXXXXXX

8. CALL REQUEST OFFICE
9. NO MORE TRIES
10. INVALID ACTION CODE-MSI002.
11. INVALID TYPE FOR ACTION XXX
12. ERROR IN MOVECH-MOVE=XXX-MSI002.
13. KEY(6)=XXXX INVALID RECORD NUMBER FOR ACTION 6
14. COUNTER=XXX INVALID FOR ACTION 6
15. VALUE=XXX INVALID FOR ACTION 6
16. ERROR IN MOVING CHAR-OCSQAL.
17. ERROR: TEXT MUST END WITH A PERIOD-QUIT
18. ERR AITLOC QUOUP.
19. ERROR-IN FINDING AITREC VALUE-QUOUP.
20. ERROR IN MOVECH-MOVE=XXX QUOUP.
21. RECORD NOT FOUND ON RECSTA RECRUIT INDEX-UPDATE NOT PERFORMED
22. VSAM ERROR=XXXX ON LUNXXX
23. VMCF ERROR=XXXXXXXXX FOR LUNXXX
24. NO SINK AVAILABLE FOR LUNXXX
25. CALL QUIT (BWRD IS NOT A VALID UPDATE TYPE.)
26. KEY (1) IS NOT A VALID POSITION OF A LOCID.
27. PPOS IS INVALID PRIMARY POINTER (ACTION 6 IN SI008).
28. ERROR IN SI009 TYPE.
29. ACT=5 NOT ALLOWED FOR TYPE=1.
30. ERROR IN COUNT AND VALUE ARGUMENTS IN SI009.
31. ACT = 6 ONLY ALLOWED FOR TYPE 7 THROUGH 10.
32. INVALID I/O OPTION.
33. THIS ACTION NOT VALID FOR LUN15.
34. ERROR IN UPDATE ARGUMENTS CALLING SI048.
35. INVALID OPTIONS-SI077.
36. BAT FILE NOT UPDATED, PROCESSING CONTINUES
37. CAS FILE NOT UPDATED, PROCESSING CONTINUES
38. *****TRACE BACK*****
 ENTRY POINT ENTRY ADDRESS RETURN ADDRESS

21-9. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 21-2
Operation Errors.

MESSAGE: SSN NOT FOUND FOR YOUR LOCATION

ACTION: The user has entered an invalid social security number for the location ID. Enter a valid SSN.

MESSAGE: XXXXXXXXXX DOES NOT HAVE AN ASSIGNMENT

ACTION: The user attempted to cancel an assignment of an individual who does not have an assignment. This is an invalid transaction; the user is prompted to enter a SSN of an individual who has an assignment or to terminate processing.

MESSAGE: INVALID LOCID-TRY AGAIN

ACTION: The user has entered an invalid LOCID. The user has two more attempts to enter a valid LOCID.

MESSAGE: ERROR-INVALID SSN

ACTION: The user has entered an invalid SSN. Enter a valid nine-digit SSN.

Chapter 22 XQUAL PROGRAM

Section I PROGRAM SUMMARY

22-1. Purpose.

The XQUAL program provides managers with the capability of reporting and updating MOS qualifications and any corresponding additional requirements and remarks. Managers can also add new MOS codes to the Qualifications file or delete existing MOS codes.

The RMS XQUAL output is the same as the REQUEST XQUAL record. However, there are several input items and output fields used for REQUEST that are not used in RMS. The user does not have to enter any information for these fields. These items are noted in table 22-2 of this user manual.

The portions of each MOS record appear as follows:

a. Fixed portion. The fixed portion of the MOS record lists data item titles for which the manager may or may not enter required values. In addition, the fixed portion contains fine tuning percentages. These, however, are not used in RMS.

b. Variable portion.

(1) The variable portion of the record consists of mandatory and desirable qualifications. Mandatory qualifications must be entered by the manager with a corresponding value which represents the minimum required value for that MOS. For example, a mandatory qualification which is entered as "MAT GEO" means that the MOS requires a math level which is greater than or equal to geometry. Values for mandatory qualifications are listed in table 22-3. Desirable qualifications, if possessed by an individual, may serve to make that individual better qualified than another individual for a given MOS. For example, a desirable qualification for an MOS could be an AFQT score of 100 or above. While individuals with a lower score (and who satisfy the mandatory qualifications) will not be excluded from consideration for that MOS, an individual with the desirable score will be more likely to be assigned to the MOS.

(2) RMS establishes these qualifications by generating a score which is associated with each desirable qualification and the degree of match between the individual's attributes and the MOS requirement.

(3) A mandatory qualification can be entered only once, but a desirable qualification can be entered several times. This can be done to make individuals with higher scores more eligible for the MOS. For example, a manager can enter a desirable qualification of an AFQT score of greater than or equal to 80 that will earn individuals possessing this qualification 10 points. Then the manager can enter an AFQT score greater than or equal to 90 that earns 15 points. Individuals who score a 90 or above will earn 25 points; 10 for a score greater than 80 and 15 for the score equal to or greater than 90. In this way, individuals with higher scores become more eligible to be assigned to an MOS.

c. The additional requirements and remarks section of the MOS record consists of the MOS title, up to three lines of remarks, and up to four lines of additional requirements. Remarks define the duties and responsibilities of the MOS, while additional requirements state characteristics an individual must possess (other than the mandatory and desirable qualifications) to qualify for the MOS. Refer to figure 22-4 for the remarks and additional requirements portion of the MOS record.

22-2. Applicability.

The XQUAL program is accessed by the following user groups:

- a.* KEYSTONE Branch.
- b.* Accessions Management Branch.

22-3. Functions.

XQUAL has seven functions. These include New, Change, Delete, Report, Info, Create and Scores.

a. New enables managers to add new MOS codes, along with their corresponding qualifications, to the Qualifications file.

b. Change enables managers to modify requirements for an existing MOS code.

c. Delete allows managers to delete an MOS code from the Qualifications file.

d. Report enables managers to generate reports of qualifications for one MOS code or for a range of MOS codes.

e. Info generates a list of the valid abbreviations to be used when changing values and the valid logical relationships, civilian education codes and race codes to be used when adding or modifying qualifications.

f. Create implements the changes the user has made to the fixed portion of the MOS Qualifications file.

g. Scores reports the MOS codes, the number of people currently processed through the system and the average score (degree of qualification) earned for each MOS. The Scores report is automatically updated whenever RMSRCH or the Search mode of VRQSTR is run.

22-4. Options.

During the New, Change, and Delete modes, the manager is given the options to Display, Change, OK and End. These options allow managers to manipulate newly entered information and thus ensure its accuracy.

- a. Display enables the manager to view the record.
- b. Change allows the manager to modify entries.
- c. OK allows the manager to verify entries. This option displays any invalid entries made. The manager can then enter valid information via the Change option. The record will not be accepted by XQUAL until all the information is valid.
- d. End enables the manager to erase the record completely and to reenter the information, if desired.

Section II INPUT REQUIREMENTS

22-5. Data-Items.

XQUAL requires the user to enter the items described below in tables 22-1, 22-2 and 22-3. Table 22-1 contains input data items the user must enter during XQUAL processing sessions. Table 22-2 lists the data items required by the fixed portion of XQUAL records. Table 22-3 lists the available mandatory or desirable qualifications a user can enter as requirements for an MOS. An MOS record can have a maximum of 30 mandatory and desirable qualifications. Several fixed portion data items also appear as variable portion data items. While one of these items entered as a fixed portion requirement may not exclude individual's that do not possess the characteristic from the MOS, the item's entry as a desirable qualification can make individuals that do possess the required characteristic more desirable for the MOS. For example, an entry of Y for conscientious objectors in the fixed portion of the record allows conscientious objectors to be assigned to the MOS. However, managers can make non-conscientious objectors more desirable for the MOS by adding that qualification to the variable portion of the record as a desirable qualification.

Table 22-1
XQUAL input data items.

Field Name	Field Label	Content Description
Beginning MOS	BEGIN MOS (4)	Enter the beginning MOS code in the range of MOS codes to be reported, deleted or changed.
Ending MOS	END MOS (4)	Enter the ending MOS code in the range of MOS codes to be reported, deleted or changed.
Qualification name	NAME (4)	Enter the valid abbreviation of the desired mandatory or desirable qualification. Valid abbreviations may be found by running the Info mode of XQUAL.
Qualification value	VALUE (4)	Enter the desired minimum value of the mandatory or desirable qualification. For example, if an AFQT score of 90 or greater is desired, enter 90 as the minimum value for the qualification of AFQT. (For a desirable qualification, the user must enter two values if the logical relationship is BE.)
Logical relationship	REL (2)	Enter GE for greater than or equal to, LE for less than or equal to, EQ for equal, NE for not equal, or BE for between. The logical relationship defines the values that are valid for the desirable Qualification. For example, a logical relationship of GE for AFQT signifies that the individual must have an AFQT score greater than or equal to the user-specified value for AFQT. (Note: for a logical relationship of BE, enter two values below the corresponding prompts. For any other logical relationship, enter only one value.)
Score	SCORE (4)	Enter a score, between 1 and 9999, which the individual will earn if the desirable qualification is met.

Table 22–2
XQUAL fixed portion input data items.

Field Name	Field Label	Content Description
MOS code	MOS (4)	Enter the valid MOS code.
AIT course length	AIT CRSL (3)	Not used in RMS.
OSUT course length	OST CRSL (3)	Not used in RMS.
Phase 1 length	PHS1 LEN (2)	Not used in RMS.
Unit distribution	UNT DSTP (3)	Not used in RMS.
OSUT male reception station date	OSTM REC (8)	Not used in RMS.
OSUT female reception station date	OSTF REC (8)	Not used in RMS.
Priority	PRIORITY (1)	Not used in RMS.
Term of enlistment	TERM (1)	Not used in RMS.
Additional requirements	ADD REQR	This is automatically set to Y if there are additional requirements for the MOS, or to N if there are not additional requirements.
Combat MOS	CMBT MOS (1)	Enter Y if the MOS is a combat MOS, or enter N if it is not a combat MOS.
Civilian Acquired Skills only	CAS ONLY (1)	Enter 0 if CAS enlistment types are not allowed to be assigned to this MOS, enter 1 if CAS types are allowed to be assigned this MOS with no AIT, or enter 2 if CAS is allowed to be assigned this MOS and AIT is required. A code of 3 is not used at present and should not be entered.
Inductee	INDUCTEE (1)	Not used in RMS.
Volunteer	VOLUNT (1)	Not used in RMS.
Male only	MALE ONL (1)	Not used in RMS.
Female only	FEM ONL (1)	Not used in RMS.
Basic Airborne Training volunteer	BAT VOL (1)	Enter Y if BAT is allowed, or enter N if BAT is not allowed.
Conscientious objector	CONC OBJ. (1)	Enter Y if the MOS is available to conscientious objectors, or enter N if conscientious objectors.
Sole surviving son	S–S–SON (1)	Enter Y if the MOS is available to sole surviving sons or daughters, or enter N if it is not available.
Security clearance	SECUR. CL (1)	Not used in RMS.
Remarks	REMARKS (1)	Automatically set to Y if the MOS record contains remarks, or to N if the record contains no remarks.
Active Army restricted	AA RESTR (1)	Not used in RMS.
National Guard restricted	NG RESTR (1)	Not used in RMS.
Army Reserve restricted	AR RESTR (1)	Not used in RMS.
OSUT female indicator	OSTF IND (1)	Not used in RMS.
OSUT male indicator	OSTM IND (1)	Not used in RMS.
VEAP indicator	VEAP IND (1)	Not used in RMS.
PSSP indicator	PSSP IND (1)	Not used in RMS.
Driver's license	DRV LIC (1)	Enter a 0 if no driver's license is required for the MOS, a 1 if a driver's license is required, or a 2 if a driver's license is required only for applicants who score below the entered MVD score.
Female	FEM (1)	Not used in RMS.

Table 22–2
XQUAL fixed portion input data items.—Continued

Field Name	Field Label	Content Description
Percentages for fine tuning	PERCENTAGES FOR FINE TUN- ING (3)	Not used in RMS.

Table 22–3
XQUAL variable portion data items

Field Name	Field Label	Content Description
Physical profile	PHY (7)	Enter the minimum required physical profile. The first six digits are valid between 1 and 4. The seventh digit is valid between 1 and 4, 6 and 7.
High school math level	MAT (3)	Enter the minimum math level required for the specified MOS: GEN General ALG Algebra GEO Geometry TRI Trigonometry
High school science level	SCI (3)	Enter the minimum science level required for the specified MOS: GEN General BIO Biology CHE Chemistry PHY Physics
AFQT test score	AFQT (3)	Valid between 1 and 99.
GT test score	GT (3)	Valid between 1 and 160.
GM test score	GM (3)	Valid between 1 and 160.
EL test score	EL (3)	Valid between 1 and 160.
CL test score	CL (3)	Valid between 1 and 160.
MM test score	MM (3)	Valid between 1 and 160.
SC test score	SC (3)	Valid between 1 and 160.
CO test score	CO (3)	Valid between 1 and 160.
FA test score	FA (3)	Valid between 1 and 160.
OF test score	OF (3)	Valid between 1 and 160.
ST test score	ST (3)	Valid between 1 and 160.
AP test score	AP (3)	Valid between 1 and 160.
Motor Vehicle Battery score	MVD (3)	Valid between 1 and 135.
Defence Language test score	DLAB (3)	Valid between 1 and 160.
Sex	SX (1)	Enter M for male, F for female.
Color perception	C–P (3)	Enter the minimum level of color perception required for the MOS: NON no color discrimination; R/G red/green discrimination; NOR normal.
U.S. citizenship	CIT (1)	Enter Y if citizenship is required, or N if citizenship is not required for this MOS. Currently not checked by RMS.
Type	TYPE (4)	Enter NPS for non-prior service, PS for prior service, CAS for civilian acquired skill, or PCAS for prior service with a civilian acquired skill.
Driver's license	DVR (1)	Enter Y if a driver's license is required for this MOS, or N if no driver's license is required.

Table 22-3
XQUAL variable portion data items—Continued

Field Name	Field Label	Content Description
Race code	RACE (1)	Enter C for Caucasian, N for Negro, M for Asian, R for Indian, X for other or Z for unknown.
Security clearance	SEC (1)	Enter Y for eligible for security clearance, or enter X for ineligible for security clearance.
Sole Surviving son or daughter	S-S- (1)	Enter Y if a sole surviving son/daughter may be assigned to the MOS, or enter N if a sole surviving son/daughter may not be assigned.
Conscientious objector	CONC (1)	Enter Y if a conscientious objector may be assigned to the MOS, or enter N if a conscientious objector may not be assigned.
Basic Airborne Training	BAT (1)	Enter Y if an individual may take BAT, or enter N if an individual may not take BAT.
Height	HEIG (2)	Enter the minimum height in inches.
Desired MOS	DESI (4)	Enter a desired MOS code.
Correctible vision	COR-	Enter Y if the person needs to correct vision with eyeglasses or contact lenses; or enter N if the individual does not need glasses or contact lenses.
Age	AGE (2)	Enter the minimum required age for the MOS.
Civilian education	CIV- (6)	Enter the minimum required level of civilian education, represented by the four-character codes listed below: NHSG Non-high school graduate HSSR High school senior HSDG High school diploma graduate GEDH High school equivalency COMP Certificate of completion ATTN Certificate of attendance CLEP First year college equivalent ASSC Associate degree NURS Professional nursing diploma BACL Baccalaureate MAS Master's degree PMAS Post master's DOCT Doctorate PROF Professional cert. of comp. Example: 11 HSSR

22-5A. Title not used.

Paragraph not used.

Section III **PROGRAM OPERATION**

22-6. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters XQUAL and depresses the carriage return key. The XQUAL program is now ready to communicate with the user.

22-7. Procedures.

Follow the procedures described below to execute the XQUAL program. Refer to figures 22-3, 22-4, 22-5, 22-6 and 22-7 for sample XQUAL output.

Table 22-3A
Procedures.

XQUAL:
 ***** XQUAL *****
 REPORTS, UPDATES, DELETES, ENTERS NEW MOS RECORDS FROM

Table 22-3A
Procedures.—Continued

QUALIFICATION FILE AND ADDITIONAL REQUIREMENTS-REMARKS FILE
ALSO POSTS CHANGES TO THE LIVE REQUEST SYSTEM
AND REPORTS MOS SCORES FOR RMS
NEW, CHANGE, DELETE, REPORT, INFO, CREATE, SCORES, OR END
(N, C, D, R, I, CR, S, E)

USER:

1. To add a new MOS code to the Qualifications file, enter N. Refer to table 22-4 for New mode procedures.
2. To change existing MOS codes or qualifications, enter C. Refer to table 22-5 for Change mode procedures.
3. To delete an MOS code or a range of MOS codes from the Qualifications file, enter D and the MOS codes to be deleted. XQUAL deletes the desired MOS codes, provided that the Create mode is run after the deletion procedures.
4. To generate a report for a single MOS code or a range of MOS codes, enter R and the MOS code or range of MOS codes to be reported. XQUAL generates the desired report.
5. To generate a list of valid abbreviations, logical relationships, education codes and race codes, enter I. The program generates the list and then repeats the above prompt.
6. To display the Create mode session, enter CR. Create must be run in order to implement any updates to the fixed portion of the MOS record. If Create is not run after updating, all updates to the fixed portion will be implemented the next day.
7. To generate a report of MOS codes and scores, enter S. The program generates the report and repeats the above prompt.
8. To terminate processing, enter E.
9. Depress the carriage return key.

Table 22-4
XQUAL New mode procedures.

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
1. ENTER NEW MOS OR END:	1. To exit the prompt, enter END.	15
	2. To add a new MOS, enter the desired four-digit MOS code.	2
	3. Depress the carriage return key.	
2. XQUAL prints the fixed option of the record and the fine tuning percentages required for the current and succeeding fiscal years.	1. Enter the required fixed portion information, but do not enter the fine tuning percentages, since they are not used by RMS.	3
	2. Depress the carriage return key.	
3. DISPLAY, CHANGE, OK, END (C,D,O,E)	1. Enter D to display the record.	3
	2. Enter C to change the fixed portion entries.	4
	3. Enter O to validate the entries.	
	a. If all entries are valid, XQUAL proceeds to prompt 7.	7
	b. If there are invalid entries, XQUAL displays the invalid entries and proceeds to prompt 6.	6
	4. Enter E to erase the record.	1
4. CHANGE FINE TUNING PERCENTAGE (Y OR N)	5. Depress the carriage return key.	
	1. Enter N, since fine tuning percentages are not used by RMS.	5
	2. Depress the carriage return key.	

Table 22-4
XQUAL New mode procedures.—Continued

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
5. NAME/VALUE (OR #END#)	1. To exit the prompt, enter END. 2. To change a fixed portion qualification, enter the valid qualification abbreviation and the valid value. XQUAL repeats the prompt until END is entered. 3. Depress the carriage return key.	3 3
6. OK IS NOT VALID, TRY AGAIN	XQUAL automatically returns to prompt 3.	3
7. ENTER MANDATORY QUALS OR #NOMO# NAME/VALUE NAME/VALUE	1. If mandatory qualifications are not desired, enter NOMO. 2. If mandatory qualifications are desired, enter the valid qualification abbreviation and the minimum value required by the qualification, as described in table 22-1. Managers can enter qualifications until NOMO is entered or until 30 qualifications have been entered. 3. Depress the carriage return key.	8
8. DISPLAY, CHANGE, OK, END (D,C,O,E)	Follow the procedures outlined in prompt 3. If all entries are valid, XQUAL proceeds to prompt 9.	9
9. DESIRABLE QUALS ----- ENTER BETWEEN SLASHES NAME, LOGICAL RELATIONSHIP, VALUE(S), SCORE OR #NOMO#	1. If desirable qualifications are not desired, enter NOMO. 2. Enter the required information as described in tables 22-2 and 22-3. 3. Depress the carriage return key.	10 10
10. DISPLAY, CHANGE, OK, END (D,C,O,E)	Follow the procedures described in prompt 3. If all information is valid, XQUAL proceeds to prompt 11.	11
11. ENTER MOS TITLE (MAX 72 CHAR)	Enter the desired MOS title (up to 72 characters) and depress the carriage return key.	12
12. ENTER UP TO 3 LINES OF REMARKS (OR #NOMO#)	1. If no remarks about the MOS are desired, enter NOMO. If remarks are desired, enter the remarks (up to three lines). Enter NOMO when there are no more remarks. 3. Depress the carriage return.	13 13
13. DISPLAY, CHANGE, OK, END (D,C,O,E)	Follow the procedures described in prompt 3. If all information is valid, XQUAL proceeds to prompt 14.	14
14. ENTER TO 4 LINES OF ADDITIONAL REQUIREMENTS (MAX 72 CHAR PER LINE OR #NOMO#)	1. If no additional requirements are desired, enter NOMO. 2. If additional requirements (requirements other than those listed as valid by the Info mode) are desired, enter up to four lines of additional requirements. Enter NOMO when there are no more additional requirements. 3. Depress the carriage return key.	1 1
15. **FOR CHANGES TO BE EFFECTIVE ON THE *RMS* SYSTEM RUN THE CREATE MODE OF THIS PROGRAM **** CREATE MAY BE RUN AS OFTEN AS DESIRED.	The program automatically proceeds to prompt 16.	16

Table 22-4
XQUAL New mode procedures.—Continued

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
16. NEW, CHANGE, DELETE, REPORT, INFO, CREATE, SCORES, OR END (N,C,D,R,I,CR,S,E)	<p>1. To implement the changes to the fixed portion of the record on the next day, select any function other than CR.made immediately, enter CR to run the Create mode. XQUAL displays</p> <p>2. To implement the changes made immediately, enter CR to run the Create mode. XQUAL displays a message that all changes are now effective on RMS. XQUAL then repeats the prompt for desired functional modes.</p> <p>Depress the carriage return key.</p>	16

Table 22-5
XQUAL Change mode procedures.

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
1. BEGIN MOS/END MOS (OR #END#)	<p>1. To exit the prompt, enter END.</p> <p>2. To change one MOS code or a range of MOS codes, enter a beginning and ending MOS code.</p> <p>3. Depress the carriage return key.</p>	19 2
2. CH, AM, CM, DM, AD, CD, DD, CR, CA, OR END?	<p>1. To exit the prompt, enter END.</p> <p>2. Enter CH to change the fixed portion of the record.</p> <p>3. Enter AM to add mandatory qualifications.</p> <p>4. Enter CM to change mandatory qualifications.</p> <p>5. Enter DM to delete mandatory qualifications.</p> <p>6. Enter AD to add desirable qualifications.</p> <p>7. Enter CD to change desiable qualifications.</p> <p>8. Enter DD to delete desiable qualifications.</p> <p>9. Enter CR to change remarks.</p> <p>10. Enter CA to change additional requirements.</p> <p>11. Depress the carriage return key.</p>	1 3 6 6 10 10 12 14
3. DISPLAY (Y OR N):	<p>1. If a display of the MOS record is desired, enter Y. XQUAL displays the MOS record.</p> <p>2. If no display is desired, enter N.</p> <p>3. Depress the carriage return key.</p>	4 4
4. CHANGE FINE TUNING PERCENTAGE (Y OR N)	<p>1. Enter N since tuning percentages are not used by RMS.</p> <p>2. Depress the carriage return key.</p>	5
5. ENTER BETWEEN SLASHES VALID ABBREVIATION AND VALUE TO BE CHANGED ABBR/VALUE OR #END#	<p>1. To exit the prompt, enter END.</p> <p>2. To change a portion of the fixed record, enter the abbreviation of the qualification to be changed and the new desired value. Continue to enter changes until END is entered.</p> <p>3. Depress the carriage return key.</p>	2 2
6. DISPLAY (Y OR N)	Refer to prompt 3 for procedures.	7
7. ENTER BETWEEN SLASHES VALID QUALS NAME TO BE CHANGED OR ADDED AND ITS VALUE(S) NAME/VALUE (OR #END#)	<p>1. To exit the prompt, enter END.</p> <p>2. To add or change mandatory qualifications, enter the valid abbreviation of the qualifications and the new desired value. Continue to add or change qualifications until END is entered.</p> <p>3. depress the carriage return key.</p>	2 2
8. DISPLAY (Y OR N):	Refer to prompt 3 for procedures.	9
9. ENTER QUAL TO BE REMOVED: OR #END#	<p>1. To exit the prompt, enter END.</p> <p>2. To delete a mandatory qualification, enter the valid abbreviation of the qualification. Continue to delete qualifications until END is desired.</p> <p>3. depress the carriage return key.</p>	2 2
10. DISPLAY? (Y OR N):	Refer to prompt 3 for procedures.	11

Table 22-5
XQUAL Change mode procedures.—Continued

PROMPT/MESSAGE	RESPONSE	NEXT PROMPT
11. ENTER BETWEEN SLASHES VALID QUALS NAME TO BE CHANGED OR ADDED AND ITS VALUE(S) NAME/REL/VALUE/VALUE/SCORE (OR #END#)	1. To exit the prompt, enter END. 2. To add or change desirable qualifications, enter the information as discussed in table 22-2. Continue to add or change desirable qualifications until END is entered. 3. Depress the carriage return key.	2 2.
12. DISPLAY? (Y OR N):	Refer to prompt 3.	13
13. ENTER QUAL TO BE REMOVED: OR #END# NAME/REL/VALUE/VALUE/SCORE (OR #END#)	To exit the prompt, enter END. 2. To delete a desirable qualification, enter the qualification to be deleted and its corresponding information. Continue to delete desirable qualifications until END is entered. 3. Depress the carriage return key.	2 2
14. DISPLAY (Y OR N):	Refer to prompt 3 for procedures.	15
15. ENTER MOS TITLE (MAX 72 CHAR)	Enter the desired MOS title (up to 72 characters) and depress the carriage return key.	16
16. ENTER UP TO 3 LINES OF REMARKS MAX 72 CHARACTERS IN LINE, INCLUDING BLANKS, (OR #NOMO#).	1. To delete all remarks, enter NOMO. 2. If remarks are desired, enter up to three lines of remarks; enter NOMO when completed. 3. Depress the carriage return key.	2 2
17. DISPLAY (Y OR N)?	Refer to prompt 3 for procedures.	18
18. ENTER UP TO 4 LINES OF ADDITIONAL REQUIREMENTS (MAX 72 CHAR PER LINE OR #NOMO#)	1. To delete all additional requirements, enter NOMO. 2. To add or change additional requirements, enter up to four lines of requirements; enter NOMO when completed. 3. Depress the carriage return key.	2 2
19. **FOR CHANGES TO BE EFFECTIVE ON THE *RMS* SYSTEM RUN THE CREATE MODE OF THIS PROGRAM **** CREATE MAY BE RUN AS OFTEN AS DESIRED	The program automatically proceeds to prompt 20.	20
20. NEW, CHANGE, DELETE, REPORT, INFO, CREATE, SCORES, or END (N,C,D,R,I,CR,S,E)	1. To erase all changes, additions and deletions made, select any function other than CR. 2. To implement the changes made, enter CR to run the create mode. XQUAL displays a message that all changes, additions and deletions are now effective on RMS. XQUAL then repeats the prompt for desired functional modes. 3. Depress the carriage return key.	20

LINE 2:
 MUST HAVE KNOWLEDGE OF BASIC ENGLISH GRAMMAR
 LINE 3:
 MUST HAVE LIVED IN A FOREIGN COUNTRY FOR AT LEAST TWO YEARS
 LINE 4:
 ENTER NEW MOS OR END: E

**FOR CHANGES TO BE EFFECTIVE ON THE * RMS * SYSTEM
 RUN THE CREATE MODE OF THIS PROGRAM.

 CREATE MAY BE RUN AS OFTEN AS DESIRED.

NEW, CHANGE, DELETE, REPORT, INFO, CREATE, SCORES, OR END (N,C,D,R,I,CR,S,E,) CR

CHANGES ADDITIONS OR DELETIONS ARE EFFECTIVE ON LIVE SYSTEM!
 NEW, CHANGE, DELETE, REPORT, INFO, CREATE, SCORES, OR END
 (N,C,D,R,I,CR,S,E) E

Figure 22-1. XQUAL New mode.

NEW, CHANGE, DELETE, REPORT, INFO, CREATE, SCORES, OR END
 (N,C,D,R,I,CR,S,E) C
 BEGIN MOS /END MOS (OR *END*)
99Z1 99Z1
 ***** 99Z1 *****
 CH, AM, CM, DM, AD, CD, DD, CR, CA OR END? CH
 DISPLAY? (Y OR N): N
 CHANGE FINE TUNING PERCENTAGE (Y OR N) N
 ENTER BETWEEN SLASHES VALID ABBREVIATION AND VALUE TO BE CHANGED
 ABBR/VALUE OR *END*
S-S- Y
 ABBR/VALUE OR *END*
 END
CH, AM, CM, DM, AD, CD, DD, CR, CA OR END? CM
 DISPLAY? (Y OR N): Y
 MANDATORY QUALS

NAME/VALUE	NAME/VALUE	NAME/VALUE	NAME/VALUE
AFQT 90	DLAB 99	HEIG 70	MAT GEO
SCI PHY	CIV- K	C-P NOR	EL 100

Figure 22-2. XQUAL Change mode with CH, CM, DD and CR options.

ENTER BETWEEN SLASHES VALID QUALS NAME TO BE CHANGED
OR ADDED AND ITS VALUE(S)
NAME/VALUE (OR *END*)

HEIG 65
NAME/VALUE (OR *END*)

END
CH,AM,CM,DM,AD,CD,DD,CR,CA OR END?DD
DISPLAY? (Y OR N):N

ENTER QUAL TO BE REMOVED: OR *END*
NAME/REL /VALUE /VALUE /SCORE (OR *END*)

MM GE 90 1000
ENTER QUAL TO BE REMOVED: (OR *END*)
END

CH,AM,CM,DM,AD,CD,DD,CR,CA OR END?CR
DISPLAY? (Y OR N):Y
REMARKS

FOREIGN CORRESPONDENT
THIS MOS IS RESPONSIBLE FOR INTERVIEWING ARMY PERSONNEL
AND WRITING NEWS ARTICLES ON THOSE INTERVIEWS

ENTER MOS TITLE (MAX 72 CHAR)
FOREIGN CORRESPONDENT AND WRITER
ENTER UP TO 3 LINE OF REMARKS
MAX 72 CHARACTERS IN LINE,INCLUDING BLANKS, (OR *NOMO*
LINE 1
THIS MOS IS RESPONSIBLE FOR COLLECTING NEWS, INTER-
LINE 2
VIEWING ARMY PERSONNEL AND COMPOSING NEW ARTICLES
LINE 3
ON INFORMATION COLLECTED.
BEGIN MOS /END MOS (OR *END*)
END

**FOR CHANGES TO BE EFFECTIVE ON THE * RMS * SYSTEM
RUN THE CREATE MODE OF THIS PROGRAM.

CREATE MAY BE RUN AS OFTEN AS DESIRED.

NEW,CHANGE,DELETE,REPORT,INFO,CREATE,SCORES,OR END
(N,C,D,R,I,CR,S,E)CR

CHANGES,ADDITIONS OR DELETIONS ARE EFFECTIVE ON LIVE SYSTEM !

NEW,CHANGE,DELETE,REPORT,INFO,CREATE,SCORES,OR END
(N,C,D,R,I,CR,S,E)E

Figure 22-2. XQUAL Change mode with CH, CM, DD and CR options.—Continued

```
NEW,CHANGE,DELETE,REPORT,INFO,CREATE,SCORES,OR END
(N,C,D,R,I,CR,S,E)D
BEGIN MOS /END MOS (OR *END*)
99X1          99X1
BEGIN MOS /END MOS (OR *END*)
END
```

** FOR CHANGES TO BE EFFECTIVE ON THE * RMS * SYSTEM
RUN THE CREATE MODE OF THIS PROGRAM.

CREATE MAY BE RUN AS OFTEN AS DESIRED.

```
NEW,CHANGE,DELETE,REPORT,INFO,CREATE,SCORES,OR END
(N,C,D,R,I,CR,S,E)CR
```

CHANGES,ADDITIONS OR DELETIONS ARE EFFECTIVE ON LIVE SYSTEM!

```
NEW,CHANGE,DELETE,REPORT,INFO,CREATE,SCORES,OR END
(N,C,D,R,I,CR,S,E)E
```

Figure 22-3. XQUAL Delete mode.

```

***** XQUAL *****
REPORTS,UPDATES,DELETES,ENTERS NEW MOS RECORDS FROM
QUALIFICATION FILE AND ADDITIONAL REQUIREMENTS-REMARKS FILE.
ALSO POSTS CHANGES TO THE LIVE REQUEST SYSTEM
AND REPORTS MOS SCORES FOR RMS
NEW,CHANGE,DELETE,REPORT,INFO,CREATE,SCORES,OR END
(N,C,D,R,I,CR,S,E)R
BEGIN MOS /END MOS (OR *END*)
11B1      11B1

MOS/AIT CRSL/OST CRSL/PHS1 LEN/UNT DSTP/OSTM REC/OSTF REC/PRIORITY/TERM11B1
63 DS    99 WK    6 WK    50  20/ 4/81  0/ 0/ 0  0          9
ADD REQR/CMBT MOS/CAS ONLY/INDUCTEE/VOLUNT. /MALE ONL/FEM ONL /BAT VOL
      Y      N      1      Y      Y      N      N      N

CONC/ OBJ/S-S-SON /SECUR.CL/REMARKS /AA RESTR/NG RESTR/AR RESTR
      Y      Y      Y      Y      N      N      N

OSTF IND/OSTM IND/VEAP IND/PSSD IND/DRV LIC
      N      N      N      0

- PERCENTAGE FOR FINE TUNING -

      NPSM   NPSF   AAIS   AAPS   NG     NGFEM   AR     ARFEM
FY-82    10     10     20     20     15     10     10     10
FY-83    10     15     15     20     10     10     10     20
REMARKS

INFANTRY
-----
ADDITIONAL REQUIREMENTS FOR MOS 11B1
-----
SF REQUIRES CO 100 AND GEDH OR HIGHER
DIST VIS CORR TO 20/20 IN ONE EYE & 20/200 IN OTHER

NEW,CHANGE,DELETE,REPORT,INFO,CREATE,SCORES,OR END
(N,C,D,R,I,CR,S,E)E

```

Figure 22-4. XQUAL Report mode.

```

NEW,CHANGE,DELETE,REPORT,INFO,CREATE,SCORES,OR END
(N,C,D,R,I,CR,S,E)S
NOTE: THIS IS REPORT FROM THE SINK BUFFER BUT NOT
DIRECTLY FROM THE QUAL FILE
NUMBER OF MOS          6
NUMBER OF PEOPLE SCORED 193
MOS/SCORE  MOS/SCORE  MOS/SCORE  MOS/SCORE  MOS/SCORE  MOS/SCORE
00AO 3711 00A1 2019 00A2 6426 00A3 6180 00A4 1452 00A5 2672

NEW,CHANGE,DELETE,REPORT,INFO,CREATE,SCORES,OR END
(N,C,D,R,I,CR,S,E)E

```

Figure 22-5. XQUAL scores mode.

Section IV OUTPUT DESCRIPTION.

22-8. Output.

Because XQUAL MOS records contain variable items, XQUAL output will vary. Refer to figures 22-1 through 22-5 for sample XQUAL output. Refer to table 22-6 for non-variable XQUAL output items.

Table 22-6
XQUAL non-variable output items

Field Name	Field Label	Content Description
MOS code	MOS	The user-specified MOS code.
AIT course length	AIT CRSL	The user-specified AIT course length in days.
Additional requirements	ADD REQR	Set to Y if additional requirements exist, or set to N if there are no additional requirements.
Combat MOS	CMBT MOS	The user-specified combat MOS designation.
CAS only	CAS ONLY	The user-specified CAS requirement.
BAT volunteer	BAT VOL	The user-specified BAT eligibility requirement.
Conscientious Objector	CONC OBJ	The user-specified conscientious objector requirement.
Sole surviving son/daughter	S-S-SON	The user-specified sole surviving son/daughter eligibility requirement.
Remarks	REMARKS	Set to Y if remarks exist, or set to N if there are no remarks.
Driver's license	DRV LIC	The user-specified driver's license requirement.
Change mode abbreviations	ABBREVIATIONS FOR CHANGE MODES	The valid Change mode abbreviations.
Fixed record abbreviations	VALID ABBREVIATIONS FOR CHANGING OF VALUES IN FIX PART OF RECORD	Valid abbreviations for the fixed portion of the MOS record.
Variable record abbreviations	VALID ABBREVIATIONS FOR VARIABLE PART OF RECORD	Valid abbreviations for mandatory and desirable qualifications.
Valid logical relationships	VALID LOGICAL RELATIONSHIP	Valid logical relationships.
Valid education codes	VALID INPUT FOR CIV EDUCATION	valid civilian education codes.
Valid race codes	VALID RACE CODES	Valid race codes.
Average score	SCORE	The current average score earned for an MOS reported by the Scores mode report.

22-8A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

22-9. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. SOMETHING WRONG WITH READING OF DAT.DIC.FILE
2. REFRESH OF SINK BUFFER IS NOT SUCCESSFUL
ERROR RETURN CODE IS XXXXX
3. ADDITIONAL REQUIREMENTS RECORD DOES NOT EXIST
4. SOMETHING WRONG IN READING ADDIT. REQUIR RECORD
5. DELETION OF ADDIT. REQUIR. RECORD MOS XXXX IS NOT SUCCESSFUL, ADREQ
6. INSERTION IS NOT SUCCESSFUL, ADREQ
7. QUAL XXXX WAS NOT IN ARRAY AND IT CANNOT BE ADDED BECAUSE NO SPACE AVAILABLE
8. ERROR - 30 IS MAX # OF QUALS.
9. INVALID ARG SENT TO DUPQAL.
10. ERROR ON LUN = XXX
VSAM ERROR RETURN CODE = XXXX
ACTION CODE = XXX
KEYS (IN HEX) = XXXXXXXX
RECORD TYPE = XXX
SPARE VARIABLE 1 = XXXXXX
SPARE VARIABLE 2 = XXXXXX
11. CALL REQUEST OFFICE.
12. ERR IN NEWMOS W/MOVECH.
13. NO SPACE FOR DESIRABLE SCORE
14. ADDITION IS NOT SUCCESSFUL - TOTAL # OF QUALS MORE THAN 30
15. ADDITION IS NOT SUCCESSFUL
16. ERROR: TEST MUST END WITH A PERIOD - QUIT
17. VSAM ERROR = XXXX ON LUN XXX
18. VMCF ERROR = XXXXXXXX FOR LUN XXX
19. NO SINK AVAILABLE FOR LUN XXX
20. INVALID I/O OPTION
21. NO UPDATE MADE
22. ERROR? XXXXXXXX AS IVAL1 FOR READ-MANY**
23. ERR IN UNP001 W/MOVECH.
24. SOMETHING WRONG WITH QUAL FILE
25. INVALID VALUE FOR FACTOR XXXX IN VALDAT
26. **** TRACE BACK ****
ENTRY POINT ENTRY ADDRESS RETURN ADDRESS
27. MOS DELETION IS NOT SUCCESSFUL
28. DELETION OF REMARKS (MOS XXXX) IS NOT SUCCESSFUL

22-7. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 22-10
Personnel Classification

MESSAGE: INVALID ANSWER, TRY AGAIN

ACTION: When entering a functional mode, the user has entered an invalid response. Enter a valid functional mode selection.

MESSAGE: NOTHING TO ENTER

ACTION: During the Change mode or the New mode variable record portion, the user has not entered a valid entry. The user is then reprompted for a valid entry. Enter a valid response to the prompt.

MESSAGE: XXX HAS ALREADY BEEN ENTERED

THIS QUAL WILL NOT BE POSTED. YOU MAY CONTINUE

Table 22–10
Personnel Classification—Continued

ACTION: The user has attempted to enter a duplicate mandatory qualification. Enter another mandatory qualification or NOMO.

MESSAGE: XXXX ALREADY EXISTS ON QUAL FILE.

ACTION: The user has attempted to enter an MOS that already exists on the Qualifications file. Enter another MOS code or END.

MESSAGE: INVALID VALUE - MUST BE BETWEEN 0-100 REENTER

ACTION: The user has entered an invalid entry for a score on a desirable qualification.

MESSAGE: WRONG ANSWER, TRY AGAIN

ACTION: The user has entered an invalid response for the prompt "DISPLAY, CHANGE, OK OR END". Enter a valid response for the prompt.

MESSAGE: ADDIT REQUIREMENTS FOR MOS XXX ALREADY EXIST

ACTION: The user has attempted to enter additional requirements for an MOS when they already exist. Select and run the Change mode if a change in the existing additional requirements is desired.

MESSAGE: REMARKS FOR MOS XXX ALREADY ON FILE

ACTION: The user has attempted to enter remarks for an MOS code when they already exist. Select and run the Change mode if a change in remarks is desired.

MESSAGE: INVALID AIT COURSE LENGTH

ACTION: The user has entered an invalid AIT course length. Enter a valid AIT course length in days.

MESSAGE: INVALID CAS VALUE (ENTER 0,1,2,3)

ACTION: The user has entered an invalid CAS value. Enter a valid CAS value of 0, 1 or 2. (At present, the value 3 is not used.)

MESSAGE: INVALID DRIVERS LICENSE (ENTER 0, 1 OR 2)

ACTION: The user has entered an invalid driver's license value. Enter a valid driver's license value.

MESSAGE: INVALID QUAL

ACTION: The user has attempted to enter a qualification that is not located on the Data Dictionary file. Enter a valid qualification from the Data Dictionary file.

MESSAGE: INVALID RELATION

ACTION: The user has attempted to enter an invalid logical relationship. Enter a valid logical relationship.

MESSAGE: INVALID LOGICAL RELATIONSHIP

ACTION: The user has attempted to enter a logical relationship other than BE for a desirable qualification with two entered values. Enter a logical relationship of BE or delete one of the values and enter a desired logical relationship.

MESSAGE: REMARKS FOR MOS XXXX DO NOT EXIST

ACTION: The user has attempted to change or delete remarks for an MOS that does not possess remarks. Select another change option or process another MOS code.

MESSAGE: INVALID CHOICE, TRY AGAIN

ACTION: The user has attempted to enter an invalid change option. Enter a valid change option.

MESSAGE: CHANGE IS NOT SUCCESSFUL, TRY AGAIN

ACTION: The user has attempted to change a portion of the fixed record. The user has entered an invalid response. Enter a valid fixed portion response.

MESSAGE: INVALID ABBREVIATION, TRY AGAIN

ACTION: The user has entered an invalid abbreviation for a fixed portion data item. Enter a valid data item abbreviation.

MESSAGE: INVALID SCORE - REENTER LINE

ACTION: The user has entered a score that does not fall within the 1-9999 range. Enter a valid score.

MESSAGE: INVALID QUAL, TRY AGAIN

ACTION: The user has attempted to delete an invalid desirable qualification. Enter a valid desirable qualification for deletion.

MESSAGE: NOTHING TO DELETE

ACTION: The user has attempted to delete a mandatory or desirable qualification, but has entered the information incorrectly. Enter the desirable qualification to be deleted and its corresponding logical relationship, value(s) and score.

MESSAGE: DESIRABLE SCORE MUST NOT BE 0

ACTION: The user has attempted to enter a score less than or equal to zero. Enter a valid score between 1 and 9999.

MESSAGE: ORIGINAL VALUE LOST - NEW VALUE NOT SAVED - REENTER

Table 22-10
Personnel Classification—Continued

ACTION: The user attempted to change a value for a mandatory qualification for physical profile, but has entered an invalid value. Enter a valid value for physical profile.

Chapter 23

LOADQT PROGRAM

Section I

PROGRAM SUMMARY

23-1. Purpose.

The LOADQT program loads Advanced Individual Training (AIT) and Basic Training (BT) quota records from an Army Training Requirements and Resource System (ATRRS) tape onto the RMS Quota (MAITQT) file, the Basic Combat Training (BCT) file, and the Basic Airborne Training (BAT) file. LOADQT is run in batch mode.

23-2. Applicability.

The LOADQT program is accessed by the following user groups:

- a. KEYSTONE Branch

23-3. Functions.

LOADQT has one function. The program transfers AIT and BT quota records from an ATRRS tape onto the MAITQT, BCT, and BAT files.

Section II

INPUT REQUIREMENTS

23-4. Data Items.

LOADQT requires the user to enter the six-digit ATRRS volume number; the first digit is W, the remaining five are numeric. This is the only input required.

23-4A. Title not used.

Paragraph not used.

Section III

PROGRAM OPERATION

23-5. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters LOADQT and depresses the carriage return key. The program is now ready to communicate with the user.

23-6. Procedures.

Follow the procedures described below to execute the LOADQT program. Refer to figure 23-1 for sample LOADQT output.

Table 23-1
Procedures.

LOADQT: ENTER VOL NUMBER OF ATRRS TAPE (EXAMPLE: 'W12345')

USER:

1. Enter the desired six-digit volume number. LOADQT loads the files and then terminates.
 2. Depress the carriage return key.
-

THERE ARE 30 AIT DATES FOR COURSE TYPE A.

AIT DATE # 30 DATE 21/06/82 HAS 573 MOSES CT A

Figure 23-1. LOADQT output sample.

Section IV OUTPUT DESCRIPTION

23-7. Output.

LOADQT provides a summary of the number of AIT dates for specified course types and the number of MOSs corresponding to a specific AIT date.

23-7A. Title not used.

Paragraph not used.

Section V ERROR MESSAGES AND CORRECTION PROCEDURES

23-8. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. INVALID ACTION CODE-MSI002
2. INVALID TYPE FOR ACTION XXX
3. ERROR IN MOVECH-MOVE = XXX-MSI002
4. INVALID RECORD NUMBER FOR ACTION 6
5. COUNTER = XXX INVALID FOR ACTION 6
6. VALUE = XXX INVALID FOR ACTION 6
7. ERROR IN SI009 TYPE.
8. ACT = 5 NOT ALLOWED FOR TYPE = 1.
9. ERROR IN COUNT AND VALUE ARGUMENTS IN SI009.
10. ACT = 6 ONLY ALLOWED FOR TYPE 7 THROUGH 10.
11. VSAM ERROR = XXXX ON LUN XXX
12. VMCF ERROR = XXXXXXXX FOR LUN XXX
13. NO SINK AVAILABLE FOR LUN XXX
14. ERROR: TEXT MUST END WITH A PERIOD-QUIT
15. ERROR ON LUN = XXX
VSAM ERROR RETURN CODE = XXX
ACTION CODE = XXX
KEYS (IN HEX) = XXXX
RECORD TYPE = XXX
SPARE VARIABLE1 = XXXXXX
SPARE VARIABLE2 = XXXXXX
CALL REQUEST OFFICE
16. **** TRACE BACK ****
ENTRY POINT ENTRY ADDRESS RETURN ADDRESS
XXXX XXX ZZZZZZZZ ZZZZZZZZ

23-9. Operation Errors.

There are no-operation error messages in this program.

Chapter 24

RPTDEP PROGRAM

Section I

PROGRAM SUMMARY

24-1. Purpose.

The RPTDEP program enables the user to obtain reports generated by Army managers. Users can generate a list of the report titles available to their LOCID, a description of each report and the actual report. Reports generated by this program will include information for a management specified combination of factors in the Data Dictionary. Each report will list the name, social security number, MOS, AIT location, and AIT date of every individual processed through a specified MEPS who satisfied the criteria specified by the combination of factors.

24-2. Applicability.

The RPTDEP program is accessed by the following user groups:

- a. KEYSTONE Branch.
- b. Reception Stations.
- c. Guidance Counselors/District Recruiting Command.

24-3. Functions.

RPTDEP has four functions. These include:

- a. *Report Titles.* RPTDEP can list the titles of the different reports available to the location, together with the report date and report number.
- b. *Description.* RPTDEP can display a description of the report that is specified by the user.
- c. *Report.* RPTDEP can display the report that is selected by the user, listing the name, social security number, MOS, AIT location name, and AIT start date for each individual found in the report for that location.
- d. *Delete.* RPTDEP can delete a report from the list of reports that are available. A deleted report is no longer accessible.

Section II

INPUT REQUIREMENTS

24-4. Data Items.

RPTDEP requires the user to enter the items described below.

- a. *LOCID.* Enter the user's location ID.
- b. *REP DATE.* Enter the date in DD/MM/YY format of the desired report.
- c. *REP NUMBER.* Enter the report number of the desired report. The REP NUMBER distinguishes the different reports for a given REP DATE.

24-4A. Title not used.

Paragraph not used.

Section III

PROGRAM OPERATION

24-5. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters RPTDEP and depresses the carriage return key. The RPTDEP program is now ready to communicate with the user.

24-6. Procedures.

Follow the procedures described below to execute RPTDEP. Sample output of RPTDEP can be seen in figure 24-1.

Table 24-0
Procedures.

RPTDEP: ENTER LOCID

USER:

1. Enter the user's location ID.
 2. Depress the carriage return key.
-

RPTDEP:

LIST: REPORT TITLES (T), DESCRIPTION (D), REPORT (R),
DELETE (X), OR END (E)

USER:

1. To get a listing of report titles, enter T. After the listing, RPTDEP will repeat this function selection prompt.
 2. To get a report description, enter D.
 3. To print out a report, enter R.
 4. To delete a report, enter X. RPTDEP will skip the next prompt.
 5. To terminate the program, enter E.
 6. Depress the carriage return key.
-

RPTDEP: ENTER THE REPORT YOU WANT TO SEE REP DATE/REP NUMBER OR END (E)

USER:

1. To get a report or a report description, enter the report date and the report number. RPTDEP will print out the report or description and return to the function selection prompt.
 2. To cancel the operation, enter E. RPTDEP will return to the function selection prompt.
 3. Depress the carriage return key.
-

RPTDEP: ACTIVE ARMY (AA), ARMY RESERVE (AR), OR NATIONAL GUARD (NG)?

USER:

1. Enter AA, AR, or NG depending on the type of report desired.
 2. Depress the carriage return key.
-

RPTDEP: DELETE ONE (0) OR ALL RECORDS BEFORE A GIVEN DATE (A)

USER:

1. To delete one record, enter 0. RPTDEP will then display the next prompt.
 2. To delete all records before a given report date, enter A. RPTDEP will skip the next prompt.
 3. Depress the carriage return key.
-

RPTDEP: REP DATE/REP NUMBER OR END (E)

USER:

1. To delete a report, enter the report date and the report number. After deletion, RPTDEP will return to the function selection prompt.
 2. To cancel the deletion, enter E. After cancellation, RPTDEP will return to the function selection prompt.
 3. Depress the carriage return key.
-

RPTDEP: ENTER REP DATE

USER:

1. Enter the earliest date for which reports should remain.
 2. Depress the carriage return key. RPTDEP will return to the function selection prompt.
-

ENTER LOCID :3A9

LIST: REPORT TITLES(T),DESCRIPTION(D),REPORT(R),DELETE(X), OR END(E)T

2/ 4/82 1 GRAND PAYLOAD DEP PACKAGES.
23/ 4/82 1 MOST SCIENTIFIC
23/ 4/82 2 MATHEMATICIANS
23/ 4/82 3 SCIENTISTS
23/ 4/82 4 MATH TWO
23/ 4/82 5 SMART PEOPLE

LIST: REPORT TITLES(T),DESCRIPTION(D),REPORT(R),DELETE(X), OR END(E)R

ENTER THE REPORT YOU WANT TO SEE

REP DATE / REP NUMBER OR END(E)

23/ 4/82 5

TITLE: SMART PEOPLE

DESCRIPTION:

THIS REPORT CONSISTS OF THOSE RECRUITS WHO HAVE
HAD THE MOST SCIENTIFIC AND MATHEMATICAL TRAINING
PRIOR TO THEIR ENLISTMENT INTO THE ARMY.

REPORT

NAME	SSN	MOS	AIT-LOC	AIT-DATE
FRANK L PERNA	444444444	54E1	MCCLELL	18/ 6/82

LIST: REPORT TITLES(T),DESCRIPTION(D),REPORT(R),DELETE(X), OR END(E)E

Figure 24-1. RPTDEP report output.

Section IV OUTPUT DESCRIPTION

24-7. Output.

RPTDEP provides output in the format described below in table 24-1.

Table 24-1
Output

Field Name	Field Label	Content Description
Advanced individual Training start date	AIT-DATE	The start date for AIT.
Advanced Individual Training location	AIT-LOC	The installation where the individual will receive AIT.
Report description	DESCRIPTION	A brief description of the report being generated.
Recruit name	NAME	Name of the individual from the recruit record, last name first.
Report date	REP DATE	The date that the report was produced.
Report number	REP NUMBER	A number identifying the particular report for a given report date.
Social security number	SSN	The individual social security number from the recruit record.
Report title	TITLE	The title of the report.

24-7A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

24-8. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. 0 CALL REQUEST OFFICE
2. 20 ERROR: BAD USER ID-USERGT.
3. 0 ERROR IN UPDATE ARGUMENTS CALLING SI048.
4. 20 ERROR: NON-INTEGER USERID-USEGET
5. ERROR ON LUN = XXX
VSAM ERROR RETURN CODE = XXXX
ACTION CODE = XXX
KEYS (IN HEX) = XXXXXXXXXXXXXXXXX
RECORD TYPE = XXX
SPARE VARIABLE 1 = XXXXXX
SPARE VARIABLE 2 = XXXXXX
TRACE BACK
ENTRY POINT ENTRY ADDRESS RETURN ADDRESS
6. ERROR: TEXT MUST END WITH A PERIOD-QUIT
7. 0 INVALID KEY IN DSCRPT
8. XXXX INVALID NUMREC IN SI015
9. XXXX IS INVALID PRIMARY POINTER (ACTION 6 IN SI008)
10. XXXX IS NOT A VALID POSITION OF A LOCID
11. XX IS NOT A VALID UPDATE TYPE
12. NO SINK AVAILABLE FOR LUN XXX
13. XX PROBLEM WITH A. A. LOCID TABLE
14. XXX PROBLEM WITH PACKAGE REPORT
15. 0 READ MANY IN SI048 ONLY ALLOWED FOR TYPES 2, 4, 5, 6
16. 0 SI008 HANDLES ACT = 6 ONLY FOR TYPE = XXX
17. XX THIS ACTION NOT VALID FOR LUN 15
18. VMCF ERROR = XXXXXXXX FOR LUN XXX
19. VSAM ERROR = XXXX ON LUN XXX

24-9. Operation Errors.

RPTDEP contains no operation error messages.

Chapter 25

EXTRAC PROGRAM

Section I

PROGRAM SUMMARY

25-1. Purpose.

The EXTRAC program extracts the records of Active Army Delayed Entry Program personnel (DEPs) and Reserve Enlistment Program personnel (REPs) from the peacetime REQUEST Recruit file and transfers those records to the REQUEST Mobilization System (RMS) subsystem Holding/Recruit file. During a RMS mobilization test, EXTRAC updates these recruit records. The EXTRAC program is used either for manually processing records (for LOCIDs participating in a mobilization test) or for autoproducting records (for LOCIDs not participating in a mobilization test).

25-2. Applicability.

The EXTRAC program is accessed by the following user group:

- a. KEYSTONE Branch

25-3. Functions.

EXTRAC has two functions. The program transfers recruit records for REP and DEP personnel from the peacetime REQUEST system to the RMS subsystem. In an RMS mobilization test, the program updates test records.

Section II

INPUT REQUIREMENTS

25-4. Data Items.

EXTRAC does not require the user to enter any data items.

25-4A. Title not used.

Paragraph not used.

Section III

PROGRAM OPERATION

25-5. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters EXTRAC and depresses the carriage return key. The program is now ready to communicate with the user.

25-6. Procedures.

Follow the procedures described below to execute the program. Refer to figure 25-1 for a sample of EXTRAC output.

Table 25-0
Procedures.

MESSAGE: ACTUAL MOBILIZATION (A), TEST MOBILIZATION (T), OR END (E)

ACTION:

1. Enter A to transfer recruit records to RMS during an actual mobilization.
 2. Enter T to update recruit records during a mobilization test.
 3. Enter E to exit from this program.
 4. Depress the carriage return key.
-

ACTUAL MOBILIZATION (A), TEST MOBILIZATION (T), OR END (E)
T

AK7 AA DEP = XXXXXXXX AA TOTAL = XXXXXXXX
XXXXXX AA DEP PERSONNEL HAVE BEEN TRANSFERRED
XXXXXX TOTAL AA
XXXXXX TOTAL REPS
XXXXXX REP/DEP PERSONNEL HAVE BEEN TRANSFERRED
 TO *RMS*

ACTUAL MOBILIZATION (A), TEST MOBILIZATION (T), OR END (E)
E

Figure 25-1. EXTRAC output.

Section IV

OUTPUT DESCRIPTION

25-7. Output.

EXTRAC provides output in the format described in table 25-1.

Table 25-1
EXTRAC output description.

Field Name	Field Label	Content Description
Active Army delayed Entry Program	AA DEP	The number of AA DEP records found.
Active Army total	AA TOTAL	The total number of Active Army records found.
Active Army Delayed Entry Program personnel	AA DEP PERSONNEL	The number of AA DEP personnel records transferred to RMS.
Total Reserve Enlistment Program personnel	TOTAL REPS	The number of REP records found.
Reserve Enlistment Program/delayed entry Program personnel	REP/DEP PERSONNEL	The number of REP and DEP personnel records transferred to RMS.

25-7A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

25-8. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. ERROR ON LUN = XXX
VSAM ERROR RETURN CODE = XXX
ACTION CODE = XXX
KEYS (IN HEX) = XXXX
RECORD TYPE = XXX
SPARE VARIABLE1 = XXXXXX
SPARE VARIABLE2 = XXXXXX
CALL REQUEST OFFICE
2. VSAM ERROR XXXX ON LUN XXX
3. VMCF ERROR = XXXXXXXX FOR LUN XXX
4. NO SINK AVAILABLE FOR LUN XXX
5. SI008 HANDLES ACT = 6 ONLY FOR TYPE = 13
6. XXXX IS NOT A VALID UPDATE TYPE
7. XXXX IS NOT A VALID POSITION OF A LOCID
8. XXXX IS INVALID PRIMARY POINTER (ACTION 6 IN SI008)
9. INVALID NUMREC IN SI015.
10. THIS ACTION NOT VALID FOR LUN15.
11. INVALID NUMREC IN SI025.
12. ERROR-SI025 - FOR LOCID XXXX AND SSN XXXXXXXXXXXX
AND ACTION XXXX NUMREC = XXXXXXXXXXXX
13. READMANY IN SI048 ONLY ALLOWED FOR TYPES 2,4,5,6.
14. ERROR IN UPDATE ARGUMENT CALLING SI048.
15. INVALID NUMREC IN SI051.
16. THIS ACTION NOT VALID FOR LUN51.
18. **** TRACE BACK ****
ENTRY POINT ENTRY ADDRESS RETURN ADDRESS
XXXX XXX ZZZZZZZZ ZZZZZZZZ
19. 150 ERR WITH EDUC TEXT
20. 101 AFQT
21. 102 GT

- 22. 103 GM
- 23. 104 EL
- 24. 105 CL
- 25. 106 MM
- 26. 107 SC
- 27. 108 CO
- 28. 109 FA
- 29. 110 OF
- 30. 111 ST
- 31. 112 AP
- 32. 113 MVDB
- 33. 114 DLAB
- 34. 301 C-P
- 35. 302 SEX
- 36. 303 ENL TYP
- 37. 304 REC ID
- 38. 305 DVR LI
- 39. 306 CIT
- 40. 307 MOS PC

25-9. Operation Errors.

There are no operation error messages in this program.

Chapter 26 DUMPQT PROGRAM

Section I PROGRAM SUMMARY

26-1. Purpose.

The DUMPQT program creates a tape from the REQUEST Mobilization System (RMS) to be sent to the Army Training Requirements and Resource System (ATRRS). The program is run periodically to dump onto the tape Advanced Individual Training (AIT) and Basic Training (BT) quotas and reservation counts for the week preceding the run date. DUMPQT is run in batch mode.

26-2. Applicability.

The DUMPQT program is accessed by the following user groups:

- a. KEYSTONE Branch

26-3. Functions.

DUMPQT has one function. The program creates a tape from the RMS subsystem to be sent periodically to ATRRS.

Section II INPUT REQUIREMENTS

26-4. Data Items.

DUMPQT requires the user to enter the items described below in table 26-1

Table 26–1
DUMPQT input data items.

Field Name	Field Label	Content Description
Start reception format. station date	START RECSTA	Enter the start RECSTA date in DD/MM/YY
station date	DATE (8)	
End reception station date	END RECSTA DATE (8)	Enter the end RECSTA date in DD/MM/YY format.

26–4A. Title not used.

Paragraph not used.

Section III
PROGRAM OPERATION

26–5. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, “LIST” OR “OFF”

The user enters XDUMPQT and depresses the carriage return key. The program is now ready to communicate with the user.

26–6. Procedures.

Follow the procedures described below to execute the DUMPQT program. Refer to figure 26–1 for a sample of DUMPQT output.

Table 26–1A
Procedures.

DUMPQT: ENTER TEST SINK (T) OR LIVE SINK (L)?

USER:

1. Management users enter T to activate the test sinks. Field users do not get this prompt.
2. Management users enter L to activate the live sinks. Field users do not get this prompt.
3. Depress the carriage return key.

DUMPQT: ENTER ATRRS TAPE (D) OR END (E)?

USER:

1. To create a tape to be sent from RMS to ATRRS, enter D.
2. To end this program without further processing, enter E.
3. Depress the carriage return key.

DUMPQT: CREATE ATRRS TAPE WITH SPECIAL DATE (Y OR NO OR E)

USER:

1. To create the tape for today's date, enter N.
2. To create the tape for any date including today's date, enter Y. The program will prompt for the special date. Enter the desired date in DD/MM/YY format.
3. To exit this program, enter E.
4. Depress the carriage return key.

DUMPQT: START RECSTA DATE/END RECSTA DATE

USER:

Enter the start and end RECSTA dates in DD/MM/YY format under the appropriate headings and depress the carriage return key. DUMPQT creates the ATRRS tape, and the program terminates.

```

ENTER TEST SINK (T) OR LIVE SINK (L)?
T

ENTER ATRRS TAPE (D) OR END (E)?
D

CREATE ATRRS TAPE WITH SPECIAL DATE? (Y OR NO OR E)
N

START RECSTA DATE/END RECSTA DATE

26/04/82 10/05/82

573 AIT AND OSUT RECORDS WRITTEN
120 BCT RECORDS WRITTEN
REAL + DUMMY RECORDS: 693
459 RECORDS SORTED
120 RECORDS SORTED
114 RECORDS SORTED
58200B10A001260482180682130882
ATTRS 820519 G0000 V00 /1 W66578 SL
ATTRS 820524 G0000 V00 /1 W67682 SL

```

Figure 26-1. DUMPQT output.

Section IV OUTPUT DESCRIPTION

26-7. Output.

DUMPQT provides output in the format described in table 26-2.

Table 26-2
DUMPQT output description.

Field Name	Field Label	Content Description
AIT records	AIT RECORDS	The number of AIT records written.
One Station Unit Training records	OSUT RECORDS	The number of OSUT records written.
Basic Combat Training records	BCT RECORDS	The number of BCT records written.
Real records	REAL RECORDS	Actual records.
dummy records	DUMMY RECORDS	Filler records.
Records sorted	RECORDS SORTED	The number of records sorted.
Recruit record data	see output sample in Figure 26-1.	Alphanumeric data, in compressed form, containing codes from the recruit's personnel record. Refer to table 26-3 for the values corresponding to these codes.
Army training Requirements and Resource System	ATTRS	The system to which the tape is sent.
Type of system tape	820519	A Six-digit number identifying the type of system tape.
System label	G0000V00/1	An alphanumeric system label
Tape volume number	VOLUME NUMBER(6)	The tape volume number
Standard label	SL	The type of tape label

Table 26–3
DUMPQT recruit record codes and their values.

Position	Value
1	REQUEST system to ATRRS interface.
2-3	Fiscal year.
4-7	Military Occupational Specialty (MOS) code.
8	School code.
9	Class type.
10	Percent female.
11-13	Class seats quota.
14-19	Estimated Reception Station date.
20-25	Report date.
26-31	End date.

26–7A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

26–8. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. SI046 ERROR # XXXX
2. INVALID ACTION CODE = MSI002
3. INVALID TYPE FOR ACTION XXX
4. ERROR IN MOVECH-MOVE = XXX - MSI002
5. KEY (6) = XXXX INVALID RECORD NUMBER FOR ACTION 6
6. COUNTER = XXX INVALID FOR ACTION 6
7. VALUE = XXX INVALID FOR ACTION 6
8. PROBLEM IN SUBROUTINE OF RMTRBC
9. PROBLEM IN SUBROUTINE OF RMTRQT

26–9. Operation Errors.

There are no operation error messages in this program.

Chapter 27

VSUBSET PROGRAM

Section I

PROGRAM SUMMARY

27–1. Purpose.

The VSUBSET program enables Army managers to create Recruit file report packages (or “subsets” of the Recruit file) for specified combinations of factors in the Data Dictionary. Army managers may specify the factors and the range to be reported (e.g., CIV ED GT NHSG, SHOE SIZE LT 9); VSUBSET will search the RMS Recruit files and will find all records that fit the specifications entered. Records that are “hits” will be reported by the RPTDEP program by accessing the corresponding report title designated in the VSUBSET program. Managers may link factors by “and” (meaning both conditions must be satisfied for a record to be reported) and “or” (meaning one or the other condition must be satisfied for a record to be reported). In addition, managers must preface each factor with the word “a” and must end each set of specifications with a period.

27–2. Applicability.

The VSUBSET program is accessed by the following user groups:

- a. KEYSTONE Branch

27-3. Functions.

VSUBSET has one function. The program searches for recruit records that match the qualifications input by the user, and creates report packages consisting of all records found.

27-4. Options.

VSUBSET provides the user with the following options:

The user may choose to search the Active Army (AA), Army Reserve (AR), or National Guard (NG) Recruit files.

Section II

INPUT REQUIREMENTS

27-5. Data Items.

VSUBSET requires the user to enter the items described below.

a. Report Description. Enter up to four lines of text with up to 68 characters per line, containing a brief report description for the desired report package.

b. Report Title. Enter one line of up to 44 characters of text. This will be designated as a title for the report package.

c. Search Specification. Enter a valid specification. A search specification is composed of one or more search criteria, each of which has four components:

(1) The word "A".

(2) The valid abbreviation for a factor from the Data Dictionary, as reported by the RPDICT program (e.g., MATH, PHY PROF).

(3) A valid operator:

EQ = equal to

LT = less than

LE = less than or equal to

GE = greater than or equal to

GT = greater than

NE = not equal to

(4) A valid value for the specified factor as defined in the Data Dictionary and as reported by the RPDICT program. When only one search criterion is being entered, a period (.) must be used to indicate the end of the search specification. A valid search criterion, for example, would be:

A HEIGHT GT 68.

In cases where two search criteria are desired the criteria are joined by "AND" or "OR", and a period is placed at the end of the search specification. If "AND" is entered, all recruit records satisfying both search criteria will be reported; if "OR" is entered all recruit records satisfying one or the other search criterion will be reported. For example:

A SX EQ M AND A HEIGHT GT 68.

Will "hit" recruit records for males over five feet inches tall.

A SX EQ M OR A HEIGHT GT 68.

Will "hit" recruit records for males, and recruit records for males and females over five feet eight inches tall.

When more than two search criteria are desired, the pairs that are to be evaluated first should be surrounded by parentheses, since VSUBSET always evaluates the criteria within parentheses first.

For example:

A SX EQ M AND (A HEIGHT GT 68 OR A MATH GT GEO).

Will only hit records for male recruits over five feet eight and with advanced mathematical training.

(A SX EQ M AND A HEIGHT GT 68) OR A MATH GT GEO.

Will hit records for male individuals over five feet eight inches tall and for all individuals with advanced mathematical training.

The user may also enter a search specification with nested parenthesis, that is, with one parenthetical statement being evaluated inside another parenthetical statement. VSUBSET will evaluate the innermost parenthetical statement first.

27-5A. Title not used.

Paragraph not used.

Section III

PROGRAM OPERATION

27-6. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters VSUBSET and depresses the carriage return key. The VSUBSET program is now ready to communicate with the user.

27-7. Procedures.

Follow the procedures described below to execute the VSUBSET program. Figure 27-1 represents a sample execution of VSUBSET.

Table 27-1
Procedures.

VSUBSET: WHICH FILE WOULD YOU LIKE TO SEARCH
ACTIVE ARMY (AA), ARMY RESERVE (AR), NATIONAL GUARD (NG)?

USER:

1. Enter AA, AR or NG to indicate which file the user wishes to search.
 2. Depress the carriage return key.
-

VSUBSET: ENTER SEARCH SPECIFICATION OR (.) TO END

USER:

1. To prepare a report package, enter a search specification as described in paragraph 27-4.
 2. To terminate the program, enter a period (.).
 3. Depress the carriage return key.
-

VSUBSET: ENTER REPORT TITLE

USER:

1. Enter a title for the desired report.
 2. Depress the carriage return key.
-

VSUBSET: ENTER REPORT DESCRIPTION UP TO 4 LINES (CR) TO END

USER:

1. Enter a report description for the desired report. VSUBSET will perform the search, and will report the number of records found which match the search specification. VSUBSET will then return to the search specification prompt.
 2. Depress the carriage return key.
-

```
WHICH FILE WOULD YOU LIKE TO SEARCH
ACTIVE ARMY(AA),ARMY RESERVE(AR),NATIONAL GUARD(NG)?AA
ENTER SEARCH SPECIFICATION PLEASE
```

```
A AFQT GT 50 AND A HEIGHT LT 72.
```

```
ENTER REPORT TITLE
```

```
SHORT-AND-SWEET
```

```
ENTER REPORT DESCRIPTION UP TO 4 LINES (CR) TO END
```

```
THIS WILL REPORT INDIVIDUALS WITH AFQTS GREATER
THAN 50 AND HEIGHTS LESS THAN 6 FEET
```

```
- PLEASE STAND BY:  SEARCH EXECUTING -
```

```
322 HIT RECORDS OUT OF      600
ENTER SEARCH SPECIFICATION PLEASE
```

Figure 27-1. VSUBSET output.

Section IV

OUTPUT DESCRIPTION

27-8. Output.

VSUBSET provides output in an information message: XXX HIT RECORDS OUT OF XXXXXX. The first number is the number of records found that match the search specification and will be included in the report package. The second number represents the number of records searched in the file.

27-8A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

27-9. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. 0 CALL REQUEST OFFICE
2. ERROR IN GETVAL FOR FACTOR = XXXX
3. XX ERROR IN GTFAC SUBROUTINE
4. 0 ERROR IN UPDATE ARGUMENTS CALLING SI052
5. 20 ERROR: NON-INTEGGER USERID - USEGET
6. ERROR ON LUN = XXX
VSAM ERROR RETURN CODE = XXXX
ACTION CODE = XXX
KEYS (IN HEX) = XXXXXXXX XXXXXXXX
RECORD TYPE = XXX
SPARE VARIABLE 1 = XXXXXX
**** TRACE BACK ****
ENTRY POINT ENTRY ADDRESS RETURN ADDRESS
7. ERROR SELECTION INVALID. * PROGRAM ERROR *
8. ERROR: TEXT MUST END WITH A PERIOD - QUIT
9. INVALID FILE VALUE IN SUBROUTINE DICTIN
10. XX INVALID I/O OPTION
11. XXXX INVALID NUMREC IN SI015
12. NO SINK AVAILABLE FOR LUN XXX
13. PROMPT SELECTION INVALID * PROGRAM ERROR *
14. SEARCH BEYOND END OF LINE IN TOKEN. * PROGRAM ERROR *
15. XX THIS ACTION NOT VALID FOR LUN 15
16. VMCF ERROR = XXXXXXXX FOR LUN XXX
17. VSAM ERROR = XXXX ON LUN XXX

27-2. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 27-2
Operation Errors.

MESSAGE: COMMAND TOO LONG. BUFFER CLEARED. PLEASE TRY AGAIN

ACTION: The user has entered a command that is too long. VSUBSET will repeat the prompt. Enter a valid command.

MESSAGE: INPUT STRING TOO LONG. LINE MUST BE 1-60 CHARACTERS LONG

ACTION: The user has tried to input more than 60 characters. VSUBSET will repeat the prompt. Enter no more than 60 characters.

MESSAGE: INVALID INPUT FOR FILE NAME

ACTION: The user has tried to enter an improper file name. The correct file names are AA for Active Army, AR for Army Reserve, and NG for National Guard. VSUBSET will repeat the prompt. Enter a correct file name.

MESSAGE: NO INPUT RECEIVED. LINE MUST BE 1-60 CHARACTERS LONG

Table 27-2
Operation Errors.—Continued

ACTION: The system did not receive any input from the user. VSUBSET will repeat the prompt. Enter input between 1 and 60 characters in length.

MESSAGE: TOKEN MORE THAN 16 CHARACTERS. PLEASE RE-ENTER LINE

ACTION: The user has entered an invalid factor specification. VSUBSET will repeat the prompt. Enter a correct specification, as instructed in paragraph 27-5.

MESSAGE: TOO MANY DATA ENTRY ERRORS. PLEASE RESTART PROGRAM

ACTION: The user has made more than six data entry errors. VSUBSET has terminated. The user should review the procedures for executing the program before trying again.

Chapter 28

AUTPRO PROGRAM

Section I

PROGRAM SUMMARY

28-1. Purpose.

The AUTPRO program automatically processes inductees under the REQUEST Mobilization RMS for location IDs not participating in the interactive phase of an RMS test.

The program assigns inductees to Advanced Individual Training (AIT) classes if the inductees are eligible; otherwise, the program assigns inductees to Basic Combat Training (BCT) classes. Training assignments are made according to the RMS search algorithm. The program is run in batch mode.

28-2. Applicability.

The AUTPRO program is accessed by the following user groups:

- a. KEYSTONE Branch.

28-3. Functions.

AUTPRO has one function. The program automatically processes the assignment of inductees to training classes for U.S. Army LOCIDs not participating in the interactive phase of the RMS test mobilization exercise.

Section II

INPUT REQUIREMENTS

28-4. Data Items.

AUTPRO does not require any input from the user.

28-4A. Title not used.

Paragraph not used.

Section III

PROGRAM OPERATION

28-5. Initiation Procedures.

The user does not initiate AUTPRO. The program will be called by the exec SUBPRO after the user has initiated the RMS program GPAUTO and after the RMS batch program EXTRAC has been run. Refer to chapters 25 and 30 of this user manual, for a more complete description of the EXTRAC and GPAUTO programs.

28-5A. Title not used.

Paragraph not used.

Section IV

OUTPUT DESCRIPTION

28-6. Output.

AUTPRO provides a one-sentence summary report of the number of records processed for each non-participating LOCID. Refer to figure 28-1 for sample AUTPRO output.

ONLY XXXXX RECORDS PROCESSED FOR LOCID AK7

Figure 28-1. AUTPRO output.

28-6A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

28-7. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. CANNOT GET CURRENT TIME (MAIN)
2. ERROR IN ACMRMS ROUTINE.
3. ERROR READING QTA FILE (AITRMS).
4. ERROR DURING EXECUTION OF IBATCH EXEC CALLED FROM SUBROUTINE BATCH.
RET CODE = XXXX
5. IDIM-BINARY-INVALID DIMENSION IN BINARY SEARCH.
6. ERROR CALLING \$CTS FOR CSUS 2ND TIME (BNCHMK).
7. ERROR IN EVAL ROUTINE.
8. ERROR ON LUN XXX
VSAM ERROR RETURN CODE = XXXX
ACTION CODE = XXX
KEYS (IN HEX) = XXXX
RECORD TYPE = XXX
SPARE VARIABLE1 = XXXXXX
SPARE VARIABLE2 = XXXXXX
9. ERROR IN MOVING CHAR-OCSQUAL.
10. ERROR IN OPIND.
11. ERROR USING MOVECH IN PDHOLD
12. ERROR IN PHYPRO ROUTINE.
13. ERROR IN QVAL
14. CANNOT FIND AFEES LOCID (RECOUP)
15. VSAM ERROR = XXXX ON LUN XXX
16. VMCF ERROR = XXXXXXXX FOR LUN XXX
17. NO SINK AVAILABLE FOR LUN XXX
18. SI008 HANDLES ACT = 6 ONLY FOR TYPE = 13.
19. XXXX IS NOT A VALID UPDATE TYPE
20. XXXX IS NOT A VALID POSITION OF A LOCID.
21. XXXX IS INVALID PRIMARY POINTER (ACTION 6 IN SI008).
22. ERROR IN SI009 TYPE.
23. ACT = 5 NOT ALLOWED FOR TYPE = 1.
24. ERROR IN COUNT AND VALUE ARGUMENTS IN SI009.
25. ACT = 6 ONLY ALLOWED FOR TYPE 7 THROUGH 10.
26. INVALID I/O OPTION.
27. INVALID NUMREC IN SI015.

28. THIS ACTION NOT VALID FOR LUN15.
29. ERROR IN UPDATE ARGUMENTS CALLING SI048.
30. XXXX INVALID OPTIONS - SI077.
31. ERROR IN TESTIT ROUTINE.
32. FAILURE = UPHOLD ROUTINE
33. ERROR: NON-INTEGGER USERID-USEGET
34. **** TRACE BACK ****
 ENTRY POINT ENTRY ADDRESS RETURN ADDRESS
 XXXX XXX ZZZZZZZZ ZZZZZZZZ

28–8. Operation Errors.

There are no operation error messages in this program.

Chapter 29 RMSBQU PROGRAM

Section I PROGRAM SUMMARY

29–1. Purpose.

The RMSBQU program updates the AIT Quota file by adding or deleting AIT class records, and by purging weeks from the file. The RMSBQU program is initiated by a card deck and is processed in batch mode. See Appendix C for a description of batch processing.

29–2. Applicability.

The RMSBQU program is accessed by the following user group:

- a. KEYSTONE Branch.
- b. Accessions Management Branch.

29–3. Functions.

RMSBQU has three functions. These include:

- a. Enables the user to delete individual class records from the Quota file.
- b. Enables the user to purge entire week(s) from the Quota file.
- c. Enables the user to add class records to the Quota file.

Section II INPUT REQUIREMENTS

29–4. Data Items.

The cards required to submit RMSBQU are the sign-on card, job card, route punch card, read card, data cards, and sign-off card, which are all fully described in Appendix C. The items required for the data cards are described in tables 29–1, 29–2, 29–3 and 29–4, depending on the function being performed.

To add a class, two data cards are required. The data items in columns 1-30 must be exactly the same on both cards. These items have the same format as described for a delete function with the exception of data in column 17ndash;3. The remainder of the two add cards have the format described below in table 29–3 and table 29–4.

Table 29–1
RMSBQU Delete mode input data items.

Data Item	Card Column	Valid values
Function being performed	1-3	Enter the value "DEL" for delete.
reception station date	5-12	Enter the desired reception station date in DD/MM/YY format. this date must be a Monday.
MOS code	14-17	Enter the MOS code to be deleted (optional)
OSUT indicator	19	Enter the one Station Unit Training indicator. Male=M Female=F Non-OSUT=N
Type of training	21	Enter the desired type of training. 0=Formal AIT class 1=Train and retain 2=Train and pass 3=Train and retain and train and pass
AIT Location	23-30	Enter the AIT location.

Table 29–2
RMSBQU Purge mode input data items.

Data Item	Card Column	Valid values
Function being performed	1-3	Enter the value "PUR" for purge.
AIT date	5-12	Enter the date in DD/MM/YY format for the first Advanced Individual Training class.

Table 29–3
RMSBQU Add mode input data items (first add card).

Data Item	Card Column	Valid values
Function being performed	1-3	Enter the value "ADD" for add.
	4-23	Enter valid values as specified in table 29–1.
Card number	32	Enter number 1 for the first add card.
Male BT location	34-41	Enter the male Basic Training location (optional).
Female BT location	43-50	Enter the female Basic Training location (optional).
Male status indicator	52	Enter the values for the class for a male (optional). Y or blank = class is open N = class is not open
Female status indicator	54	Enter the values for the class for a male (optional). Y or blank = class is open N = class is not open
Quota	56-60	Enter the value for the class priority in three-digit number between 0 and 100.
Course length	66-68	Enter the Advanced Individual Training course length in days exceeding not more than 700 days.
Percent female	70-72	Enter the percentages of class for the female between 0 and 100.

Table 29-4
RMSBQU Add mode input data items (second add card)

Data Item	Card Column	Valid values
Function being performed	1-3	Enter the value "ADD" for add.
	4-23	Enter the same values entered on the first add card.
Card number	32	Enter number 2 for the second add card.
AIT date	34-41	Enter the AIT date in DD/MM/YY format.
AIT follow-on date	43-50	Enter the AIT follow-on date in DD/MM/YY format. This date must be a Friday.
RECSTA follow-on date	52-59	Enter the reception station follow-on date in DD/MM/YY format. If either follow-on date is given, the other must also be given.

29-4A. Title not used.

Paragraph not used.

Section III
PROGRAM OPERATION

29-5. Initiation Procedures.

The RMSBQU program is initiated by a card deck and is processed in batch mode. See Appendix C for a description of batch processing and follow the procedures described in tables 29-1 through 29-4 for the creation of the appropriate card deck.

29-6. Procedures.

After creating a card deck, the cards are submitted to the card reader. The last step is the on-line submission of the RMSBQU job. Enter RMSBQU in response to the ENTER PROGRAM NAME, "LIST" or "OFF" prompt; depress the carriage return key.

Section IV
OUTPUT DESCRIPTION

29-7. Output.

RMSBQU provides no output aside from information messages, operation error messages, and system error messages. The possible information messages appear below.

The following list will be printed at the end of the program and will indicate how many cards have been processed. Messages indicating cards that have not been processed will also be printed; these messages appear in section 29-9. MESSAGE:

1. XXXXX NUMBER OF RECORDS ADDED TO QUOTA FILE
2. XXXXX NUMBER OF RECORDS DELETED FROM QUOTA FILE
3. XXXXX NUMBER OF PURGED FROM QUOTA FILE

29-7A. Title not used.

Paragraph not used.

Section V
ERROR MESSAGES AND CORRECTION PROCEDURES

29-8. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. IDIM INVALID DIMENSION IN BINARY SEARCH
2. ERROR ON LUN=XXXXXX
VSAM ERROR RETURN CODE=XXXXXX

```

ACTION CODE=XXX
KEYS (IN HEX)=ZZZZZZZZ, ZZZZZZZZ
RECOR TYPE=XXX
SPARE VARIABLE1=XXXXXX
SPARE VARIABLE2=XXXXXX
CALL REQUEST OFFICE
3. ERROR: TEXT MUST END WITH A PERIOD-QUIT
4. VSAM ERROR=XXXX ON LUN XXX
   VMCF ERROR =XXXXXXX FOR LUN XXX
   NO SINK AVAILABLE FOR LUN XXX
5. ERROR IN SI009 TYPE
   ACTION=5 NOT ALLOWED TYPE=1
   ERROR IN COUNT AND VALUE ARGUMENTS IN SI009
   ERROR IN COUNT ARGUMENTS *SI009*
   ACT=6 ONLY ALLOWED FOR TYPE 7 THROUGH 10
6. INVALID TYPE FOR ACTION XXX
   INVALID ACTION CODE XXX
7. INVALID RECORD NUMBER FOR ACTION 6
   INVALID FOR ACTION 6
8. *** TRACE BACK ***
   ENTRY POINT   ENTRY ADDRESS   RETURN ADDRESS
   XXXX XXX ZZZZZZZZZZZZ ZZZZZZZZZZZZ

```

29-9. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each. The cards containing errors may be resubmitted to the card reader after correction.

Table 29-5
Operation Errors.

MESSAGE: ERROR-INVALID MOS CODE

ACTION: The user has entered an invalid MOS code. Select and enter a valid MOS code in columns 14-17.

MESSAGE: INVALID OSUT INDICATOR

ACTION: The user has entered an invalid OSUT indicator. Select and enter a valid OSUT indicator in column 19.

MESSAGE: ERROR INVALID TRAINING TYPE

ACTION: The user has entered an invalid training type code. Select and enter a valid code in column 21.

MESSAGE: ERROR-AIT LOCATION XXXX DOES NOT EXIST ON THE FILE

ACTION: The user has entered an invalid AIT location. Select and enter a valid AIT location in columns 23-30.

MESSAGE: THE COMBINATION OF AIT DATE=XXXXXXXXXX AND RECSTA XXXXXXXXXXXX IS NOT ON THE FILE.

ACTION: The user has selected a combination of dates which is not on the file. Select and enter another combination of dates in columns 43-50 and 52-59.

MESSAGE: THE COUNT FOR AIT DATE=XXXXXXXXXX AND RECSTA=XX
XXXXXXXXXX CANNOT BE DECREMENTED

ACTION: The count of the record cannot be decremented anymore because it would be negative. Read another record.

MESSAGE: ERROR NO ROOM LEFT ON AITREC RECORD AIT DATE XXXXXXXXXXXX, WITH RECSTA XXXXXXXXXXXX NOT ADDED TO THE FILE

ACTION: The user cannot add another record unless the user decrements the file.

MESSAGE: RECORD NOT ADDED TO AIT QUOTA FILE BECAUSE THERE IS ALREADY ONE ON THE FILE WITH THE SAME KEY

ACTION: The user has entered a record which already exists on the Quota file. Read another record.

MESSAGE: PURGE NOT PERFORMED FOR INPUT CARD XXXX, BECAUSE THE DATE IS INVALID

ACTION: The user has entered an invalid date. Select and enter a valid date in DD/MM/YY format.

MESSAGE:

1. DELETE NOT PERFORMED FOR INPUT CARD XXXX
2. DATA CARD SKIPPED-NOT AN ADD DEL OR PUR XXXX
3. DATA CARD SKIPPED-NOT SECOND OF 2 ADD CARD XXXX
4. DATA CARDS SKIPPED-NEED 2 ADD CARDS XXXX, XXXX
5. DATA CARDS SKIPPED-DOES NOT HAVE A CORRESPONDING

Table 29-5
Operation Errors.—Continued

ADD CARD XXXX

6. DATA CARDS SKIPPED-KEY FIELDS DO NOT CORRESPOND:

XXXX, XXXX

7. ADD NOT PERFORMED FOR INPUT CARDS: XXXX, XXXX

ACTION: These above messages indicate which cards must be corrected before being resubmitted under this program.

Chapter 30

GPAUTO PROGRAM

Section I

PROGRAM SUMMARY

30-1. Purpose.

The GPAUTO program is the first in a series of three programs (GPAUTO, EXTRAC, and AUTPRO) which comprise the “autoprocessing,” or automatic processing, mode of RMS. GPAUTO enables the user to establish the parameters for autoprocessing records. The GPAUTO program also allows the user to report the results of records that were autoprocessed.

30-2. Applicability.

The GPAUTO program is accessed by the following user group:

- a. KEYSTONE Branch

30-3. Functions.

GPAUTO has two functions. These include report and update.

a. In the report mode, the user may obtain a report of the total records autoprocessed for each hour, the participating components, the participating LOCIDS, the current number of records to be autoprocessed, or the autoprocessing totals by LOCID.

b. In the update mode, the user may update the percentage of the total records to be run for each hour, the range of hours for the test, the components participating in the test, the LOCID participating in the test, and the current number of records to be autoprocessed.

30-4. Options.

GPAUTO provides the user with the following options:

- a. The user may choose the Active Army (AA) or Reserve Enlistment Program (REP) for the test.
- b. The user may choose a range of hours or discrete hours for the number of records to be autoprocessed.
- c. The user can choose a variable hourly percentages or the straight line percentages of records. The straight line percentages are evenly distributed for each hour.

Section II

INPUT REQUIREMENTS

30-5. Data Items.

GPAUTO requires the user to enter the items described below in table 30-1.

Table 30–1
GPAUTO input data items.

Field Name	Field label	Valid Values
Start hour	STERT HOUR(4)	Enter the start-hour for the beginning of the processing, any time between 0600 and 1900. The start hour must be less than or equal to the end hour.
End hour	END HOUR(4)	Enter the end hour of the test, any time between 0600 and 1900.
Number of records	NUMBER OF RECORDS(5)	Enter the desired number of records to be autoprocessed.
LOCID	LOCID(3)	Enter the three-character code identifying the Military Enlistment Processing Station (MEPS).
Percentages	PERCENTAGES(3)	Enter the percentage of records to be run for each hour. The percentage must be a number between 0 and 100 and when the percentages are totaled they must add up to 100. The percentages are for the number of records to be autoprocessed within an hour.
Discrete hours	DISCRETE HOURS(4)	Enter the desired hours between 0600 and 1900 and the percentage of records to be autoprocessed for each hour.

30–5A. Title not used.

Paragraph not used.

Section III PROGRAM OPERATION

30–6. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:
ENTER PROGRAM NAME, “LIST” OR “OFF”

The user enters GPAUTO and depresses the carriage return key. The program is now ready to communicate with the user.

30–7. Procedures.

Follow the procedures described below to report and update the test records. See figures 30–1, 30–2, 30–3, 30–4, and 30–5 for samples of various execution mode procedures.

Table 30–1A
Procedures.

GPAUTO: TOTALS(T), HOURLY(H), COMPONENTS(C), PARTICIPATING LOCID(P), NUMBER TO BE AUTOPROCESSED(A), OR END(E)

USER:

1. Enter T to get the autoprocessing LOCID totals. See the next prompt.
2. Enter H to get the hourly Autoprocessing test records. See section 3–7(d) for the procedures.
3. Enter C to get the participating components report. Skip the next prompt.
4. Enter P to get the participating LOCID report. Skip the next prompt.
5. Enter A to get the report on the current number of records to be autoprocessed. Skip the next prompt.
6. Enter E to terminate the program.
7. Depress the carriage return key.

GPAUTO: ACTIVE ARMY(A), REP(R), OR END(E)

USER:

1. Enter A to display the Active Army autoprocessing LOCID totals and return to the previous prompt.
2. Enter R to display the Amy Reserve autoprocessing LOCID totals and return to the previous prompt.
3. Enter E to terminate the program.
4. Depress the carriage return key.

GPAUTO: REPORT(R), UPDATE(U) OR END(E)

USER:

1. Enter R to get the report on a desired field in response to the first prompt. See the next prompt.
2. Enter U to update a desired field in response to the first prompt. See sections 30–7(a), 30–7(b), 30–7(c) to update the components mode, participating LOCIDs mode, and update input record mode, respectively.
3. Enter E to terminate the program.

Table 30-1A
Procedures.—Continued

4. Depress the carriage return key.

GPAUTO: ACTIVE ARMY(A), REP(R), OR END(E)

USER:

1. Enter A to get the report for the Active Army. Return to the first prompt.
 2. Enter R to get the report for the Army Reserve. Return to the first prompt.
 3. Enter E to terminate the program.
 4. Depress the carriage return key.
-

Table 30-1B
Update components mode.

GPAUTO: INPUT THE FIELDS YOU WANT TO CHANGE

USER:

1. Enter YES between the slashes if the user wants a component to be participating in the test. Return to the first prompt.
 2. Enter NO between the slashes, if the user does not want a component to be participating in the test. Return to the first prompt.
 3. Depress the carriage return key.
-

Table 30-1C
Update participating LOCID mode.

GPAUTO: ACTIVE ARMY(A), REP(R), OR END (E)

USER:

1. Enter A to update the participating Active Army LOCIDs.
 2. Enter R to update the participating Army Reserve LOCIDs.
 3. Enter E to terminate the program. The program at this point will display the participating LOCIDs and will prompt the user.
-

GPAUTO: DO YOU WANT TO ADD(A), OR DELETE(D) LOCIDS OR END(E)

USER:

1. Enter A to add to the list of participating LOCIDS.
See the next prompt.
 2. Enter D to delete a LOCID from the participating list of LOCIDs. Skip the next two prompts.
 3. Enter E to return to the first prompt.
 4. Depress the carriage return key.
-

GPAUTO: INPUT THE LOCID YOU WANT TO ADD TO THE PARTICIPATING ON LIST OR END(E)

USER:

1. Enter a valid LOCID to add to the list of participating LOCID.
 2. Enter E to return to the first prompt.
 3. Depress the carriage return key.
-

GPAUTO: DISPLAY THE LOCIDS AGAIN?(Y OR N)

USER:

1. Enter Y to see the display of participating LOCIDS after the change and return to the previous prompt.
 2. Enter N if the user does not want the display and return to the first prompt.
 3. Depress the carriage return key.
-

GPAUTO: INPUT THE LOCID YOU WANT DELETED FROM PARTICIPATING OR END(E)

USER:

1. Enter the participating LOCID to delete the LOCID from the participation list.
 2. Enter E to return to the first prompt.
 3. Depress the carriage return key.
-

GPAUTO: DISPLAY THE LOCIDS AGAIN? (Y OR N)

USER:

Table 30-1C
Update participating LOCID mode.—Continued

1. Enter Y to see the display of participating LOCIDs after the change and return to the previous prompt.
 2. Enter N if the user does not want the display and return to the first prompt.
 3. Depress the carriage return key.
-

Table 30-1D
Update input records mode.

GPAUTO: INPUT THE NUMBER OF RECORDS YOU WANT AUTOPROCESSED OR END(E)

USER:

1. Enter the number of records the user wants to autoproccess and return to the first prompt.
 2. Enter E to terminate the program.
 3. Depress the carriage return key.
-

Table 30-1E
Hourly report mode.

GPAUTO: REPORT(R),UPDATE(U), OR END(E)

USER:

1. Enter R to get an hourly autoproccessing report. See the next prompt for the report mode procedure.
 2. Enter U to update an hourly report. See section 30-7(e) for the update mode procedure.
 3. Enter E to terminate.
 4. Depress the carriage return key.
-

GPAUTO: REPORT ALL (A), RANGE(R), ONE(O), DISCRETE(D), OR END(E)

USER:

1. Enter A to get autoproccessing totals for all hours and return to the first prompt.
 2. Enter R to get the autoproccessing totals for a particular range of time. See the next prompt for further procedure.
 3. Enter O to get the autoproccessing totals for an hour and return to the first prompt.
 4. Enter D to get the autoproccessing totals for the discrete hours. Skip the next prompt.
 5. Enter E to terminate.
 6. Depress the carriage return key.
-

GPAUTO: START HOUR/END HOUR OR END(E)

USER:

1. Enter the start hour as instructed in section 30-5.
 2. Enter the end hour as instructed in section 30-5 and return to the first prompt.
 3. Enter E to return to the first prompt.
 4. Depress the carriage return key.
-

GPAUTO: INPUT THE HOUR YOU WANT TO SEE, OR END(E)

USER:

1. Enter a four-digit number between 0600 and 1900, and return to the first prompt.
 2. Enter E to return to the first prompt.
 3. Depress the carriage return key.
-

Table 30-1F
Update hourly percentage mode.

GPAUTO: ACTIVE ARMY(A), REP(R), OR END(E)

USER:

1. Enter A to change the hourly percentages for the Active Army.
2. Enter R to change the hourly percentages for the Army Reserve.
3. Enter E to terminate.

Table 30-1F
Update hourly percentage mode.—Continued

4. Depress the carriage return key.

GPAUTO: UPDATE A RANGE OF HOURS(R), OR DISCRETE HOURS(D), OR END(E)

USER:

1. Enter R to change the range of hours for the percentages. See the next prompt.
 2. Enter D to change discrete hours for the percentages. Skip the next three prompts.
 3. Enter E to terminate the program.
-

GPAUTO: START HOUR/END HOUR OR END(E)

USER:

1. Enter a four-digit number between 0600 and 1900. The starting hour of the test must not be higher than the end hour.
 2. Enter a four-digit number between 0600 and 1900 and return to the first prompt.
 3. Enter E to return to the first prompt.
 4. Depress the carriage return key.
-

GPAUTO: INPUT VARIABLE HOURLY PERCENTAGES(I), OR STRAIGHT LINE CALCULATED PERCENTAGES(S),OR END(E)

USER:

1. Enter I to update the hourly percentages. See the next prompt for further procedure.
 2. Enter S to update the straight line calculated, percentages and return to the first prompt. The percentages are evenly distributed for all the hours.
 3. Enter E to terminate.
 4. Depress the carriage return key.
-

GPAUTO: INPUT THE PERCENTAGE TO BE RUN FOR EACH HOUR OR END (E).

USER:

1. Enter the percentages of the records to be run for each hour between the input hours and the slashes and totals they must add up to 100. Return to the first prompt.
 2. Enter E to terminate the program.
 3. Depress the carriage return key.
-

GPAUTO: INPUT THE HOUR OR FINISHED (F)

USER:

1. Enter a four-digit number between 0600 and 1900.
 2. Enter F if the user does not want more hours. Return to the first prompt.
 3. Depress the carriage return key.
-

TOTALS(T), HOURLY(H), COMPONENTS(C), PARTICIPATING LOCIDS(P), NUMBER TO BE
AUTOPROCESSED(A), OR END(E)

T

ACTIVE ARMY(A), REP(R), OR END(E)

R

AUTOPROCESSING LOCID TOTALS

LOCID	TOTAL	LOCID	TOTAL	LOCID	TOTAL	LOCID	TOTAL
52	0	10	3	12	0	16	3
AL	4	CA	0	NJ	3	85	0
44	0	46	4	48	0	22	1
38	6	18	0	20	0	24	0
28	0	30	2	32	2	36	0
40	3	42	0	50	0	54	6
56	0	AK	6	AZ	0	AR	0
CO	2	CT	0	DE	1	DC	2

TOTALS(T), HOURLY(H), COMPONENTS(C), PARTICIPATING LOCIDS(P), NUMBER TO BE
AUTOPROCESSED(A), OR END(E)

E

Figure 30-1. GPAUTO totals execution procedure.

TOTALS(T), HOURLY(H), COMPONENTS(C), PARTICIPATING LOCIDS(P), NUMBER TO BE
AUTOPROCESSED(A), OR END(E)

H

REPORT(R), UPDATE(U), OR END(E)

U

ACTIVE ARMY(A), REP(R), OR END(E)

A

UPDATE A RANGE OF HOURS(R), OR DISCRETE HOURS(D), OR END(E)

R

INPUT HOURS IN MILITARY TIME (EX. 0400)

START HOUR/END HOUR OR END(E)

0600 0700

INPUT VARIABLE HOURLY PERCENTAGES(I), OR STRAIGH LINE CALCULATED
PERCENTAGES(S), OR END(E)

I

INPUT THE PERCENTAGE TO RUN FOR EACH HOUR OR END(E)

0600/0700/ / / / / / / / / / / / / /

50 50

TOTALS(T), HOURLY(H), COMPONENTS(C), PARTICIPATING LOCIDS(P), NUMBER TO BE
AUTOPROCESSED(A), OR END(E)

E

Figure 30-2. GPAUTO hourly mode by range of hours.

TOTALS(T), HOURLY(H), COMPONENTS(C), PARTICIPATING LOCIDS(P), NUMBER TO BE
AUTOPROCESSED(A), OR END(E)

C

REPORT(R), UPDATE(U), OR END(E)

U

 /ACTIVE ARMY/ARMY RESERVE/NATIONAL GUARD/
PARTICIPATING NO YES YES

INPUT THE FIELDS YOU WANT TO CHANGE

 /ACTIVE ARMY/ARMY RESERVE/NATIONAL GUARD/
PARTICIPATING/ / /

YES

TOTALS(T), HOURLY(H), COMPONENTS(C), PARTICIPATING LOCIDS(P), NUMBER TO BE
AUTOPROCESSING(A), OR END(E)

E

Figure 30-3. GPAUTO components mode.

TOTALS(T), HOURLY(H), COMPONENTS(C), PARTICIPATING LOCIDS(P), NUMBER TO BE
AUTOPROCESSED(A), OR END(E)

A

REPORT(R), UPDATE(U), OR END(E)

U

THE CURRENT NUMBER OF RECORDS TO BE AUTOPROCESSED IS 5500

INPUT THE NUMBER OF RECORDS YOU WANT AUTOPROCESSING OR END(E)

1

THE UPDATE WAS SUCCESSFUL

TOTALS(T), HOURLY(H), COMPONENTS(C), PARTICIPATING LOCIDS(P), NUMBER TO BE
AUTOPROCESSED(A), OR END(E)

E

Figure 30-4. GPAUTO number to be autoprocessed mode.

TOTALS(T), HOURLY(H), COMPONENTS(C), PARTICIPATING LOCIDS(P), NUMBER TO BE
AUTOPROCESSED(A), OR END(E)

P

REPORT(R), UPDATE(U), OR END(E)

U

ACTIVE ARMY(A), REP(R), OR END(E)

A

PARTICIPATING LOCIDS

LOCID	LOCID	LOCID	LOCID	LOCID	LOCID	LOCID	LOCID
3A9	11D	58D2	W3E	F59	5CJ	MKF	7E2
27A	KGD	7FF	1A2	1A7	1A8	3C2	3C5
4D1	4D6	4D7	5E3				

DO YOU WANT TO ADD(A) OR DELETE(D) LOCIDS OR END(E)

A

INPUT THE LOCID YOU WANT TO ADD TO THE PARTICIPATION LIST OR END(E)

AK7

DISPLAY THE LOCIDS AGAIN? (Y OR N)

Y

PARTICIPATING LOCIDS

LOCID	LOCID	LOCID	LOCID	LOCID	LOCID	LOCID	LOCID
3A9	AK7	11D	58D2	W3E	F59	5CJ	MKF
7E2	27A	KGD	7FF	1A2	1A7	1A8	3C2
3C5	4D1	4D6	4D7	5E3			

DO YOU WANT TO ADD(A) OR DELETE(D) LOCIDS OR END(E)

E

TOTALS(T), HOURLY(H), COMPONENTS(C), PARTICIPATING LOCIDS(P), NUMBER TO BE
AUTOPROCESSED(A), OR END(E)

E

Figure 30-5. GPAUTO participating LOCID mode.

Section IV OUTPUT DESCRIPTION

30-8. Output.

GPAUTO provides output in the format described in table 30-2.

Table 30-2
GPAUTO output description.

Field Name	Field label	Content Description
Total	TOTALS	The total number of records processed for the desired hours for participating LOCIDs.
LOCID	LOCID	The participating location IDs for the desired hours of the test.

30–8A. Title not used.

Paragraph not used.

Section V
ERROR MESSAGES AND CORRECTION PROCEDURES

30–9. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

- 1. ERROR ON LUN = XXX
VSAM ERROR RETURN CODE = XXX
ACTION CODE = XXX
KEYS (IN HEX) = ZZZZZZZZ, ZZZZZZZZ
RECORD TYPE = XXX
SPARE VARIABLE 1 = XXXXXX
SPARE VARIABLE 2 = XXXXXX
CALL REQUEST OFFICE
- 2. ERROR: TEXT MUST END WITH A PERIOD - QUIT
- 3. VSAM ERROR = XXXX ON LUNXXX
- 4. VMCF ERROR = XXXXXXXX FOR LUNXXX
- 5. NO SINK AVAILABLE FOR LUNXXX
- 6. IS INVALID PRIMARY POINTER
- 7. READMANY IN SI048 ONLY ALLOWED FOR TYPE 2, 4, 5,6
- 8. ERROR IN UPDATE ARGUMENTS CALLING SI048
- 9. ERROR: NON-INTEGGER USERID-USEGET
- 10. **** TRACE BACK ****
ENTRY POINT ENTRY ADDRESS RETURN ADDRESS
XXXX XXX ZZZZZZZZ ZZZZZZZZ

30–10. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 30–3 Operation Errors.	
MESSAGE: START HOUR MUST BE A NUMBER BETWEEN 0600 AND 1900	ACTION: The user has entered an invalid start time. Enter the time as a number between 0600 and 1900.
MESSAGE: END HOUR MUST BE A NUMBER BETWEEN 0600 AND 1900	ACTION: The user has entered an invalid end time. Enter the time as a number between 0600 and 1900.
MESSAGE: THE START HOUR MUST BE LESS THAN OR EQUAL TO THE END HOUR	ACTION: The user has entered an invalid time. Enter the time in a four-digit number between 0600 and 1900.
MESSAGE: YOU NEED TO INPUT AN INTEGER	ACTION: Enter the number in integer for the number of records to be autoproccessed.
MESSAGE: XXXX IS CURRENTLY NOT PARTICIPATING YOU MUST FIRST UPDATE THE COMPONENTS	ACTION: The user has chosen a non-participating component. The user has to update the component first before proceeding further.
MESSAGE: THIS WAS NOT A VALID LOCID	ACTION: The user has entered an invalid LOCID. Enter a valid LOCID.
MESSAGE: THE PERCENTAGES MUST BE A NUMBER BETWEEN 0 AND 100	ACTION: The user has entered an invalid number. Enter a number between 0 and 100 for the percentage of records to be autoproccessed.
MESSAGE: WHEN THE PERCENTAGES ARE TOTALED, THEY MUST ADD UP TO 100	ACTION: The user has to enter percentages of the records to be autoproccessed for each input hour, so when totaled they must add up to 100.
MESSAGE: THE NATIONAL GUARD IS NOT PARTICIPATING IN THIS TEST THE ARMY RESERVE IS NOT PARTICIPATING IN THIS TEST NO ACTIVE ARMY LOCIDS ARE FLAGGED AS PARTICIPATING NO ARMY RESERVE LOCIDS ARE FLAGGED AS PARTICIPATING	

Table 30–3
Operation Errors.—Continued

NO NATIONAL GUARD LOCIDS ARE FLAGGED AS PARTICIPATING
THERE ARE NO LOCIDS THAT ARE CURRENTLY PARTICIPATING

ACTION: For the above messages, the user has to update the appropriate component or LOCID before proceeding further.

Chapter 31

ASSIGN PROGRAM

Section I

PROGRAM SUMMARY

31–1. Purpose.

The ASSIGN program generates reports of assignments made during an RMS test mobilization exercise for specified dates and MOSs.

31–2. Applicability.

The ASSIGN program is accessed by the following user groups:

- a. KEYSTONE Branch.

31–3. Functions.

ASSIGN has one function. The program generates reports of assignments made during an RMS test mobilization exercise for specified assignment weeks and MOSs. If fewer than 100 assignments were made, the program will not print a report.

31–4. Options.

ASSIGN provides the user with the option of generating a report with or without qualification and quota score information included.

Section II

INPUT REQUIREMENTS

31–5. Data Items.

ASSIGN requires the user to enter the items described below in table 31–1.

Table 31–1
ASSIGN input data items.

Field Name	Field label	Valid Values
Start assignment date	START ASSIGNMENT DATE (8)	Enter the start assignment date in DD/MM/YY format for the range of dates to be reported.
End assignment date	END ASSIGNMENT DATE (8)	Enter the end assignment date in DD/MM/YY format for the range of dates to be reported. The end assignment date must fall within the same reception station week as the start assignment week.
Beginning MOS	BEGIN MOS (4)	Enter the desired beginning MOS for the range of MOSs to be reported.
Ending MOS	END MOS (4)	Enter the desired ending MOS for the range of MOSs to be reported.

31–5A. Title not used.

Paragraph not used.

Section III PROGRAM OPERATION

31–6. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters ASSIGN and depresses the carriage return key. The program is now ready to communicate with the user.

31–7. Procedures.

Follow the procedures described below to run the ASSIGN program. Refer to figure 31–1 for sample ASSIGN output.

Table 31–1A
Procedures.

ASSGN: INCLUDE AVERAGE QUAL AND QUOTA SCORES? (Y OR N), OR END(E)

USER:

1. If average qualification and quota scores are desired, enter Y.
 2. If average qualification and quota scores are not desired, enter N.
 3. To terminate the program, enter E.
 4. Depress the carriage return key.
-

ASSGN: START ASSIGNMENT DATE/END ASSIGNMENT DATE (DD/MM/YY) OR END(E)

USER:

1. To generate the report, enter the desired start and end assignment dates from the same reception station week in DD/MM/YY format.
 2. To terminate the program, enter E.
 3. Depress the carriage return key.
-

ASSGN: BEGIN MOS/END MOS, ALL (A), OR END (E)

USER:

1. To generate a report for a specified range of MOSs, enter the desired beginning and ending MOSs. ASSIGN prints the desired report and terminates.
 2. To generate a report for all MOSs, enter A. ASSIGN prints the desired report and terminates.
 3. To terminate the program without further processing, enter E.
 4. Depress the carriage return key.
-

INCLUDE AVERAGE QUAL AND QUOTA SCORES? (Y OR N), OR END(E)
 Y
 START ASSIGNMENT DATE/END ASSIGNMENT DATE (DD/MM/YY) OR END(E)
 7/7/82 7/7/82
 BEGIN MOS/END MOS, ALL(A), OR END(E)
 1181 1181

QUOTA DATA FROM RSM OF 3/ 5/82
 MOS / SEATS / FILL / % FILL OF / % FILL OF /
 /OUR RSM/OUR RSM / OUR RSM / ALL MOS /
 / 1ST 10% /2ND 10% /3RD 10% /4TH 10% /5TH 10% /6TH 10% /7TH 10% /8TH 10% /9TH 10% /10TH 10% /
 / 23102- / 23737- / 24372- / 25007- / 25642- / 26277- / 26912- / 27546- / 28180- / 28814- /
 / 23736 / 24371 / 25006 / 25641 / 26276 / 26911 / 27545 / 28179 / 28813 / 29447 /
 / NO. % / NO. % / NO. % / NO. % / NO. % / NO. % / NO. % / NO. % / NO. % / NO. % /
 0081 1 1 100 0.1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

RECRUIT FILE FIGURES FOR ASSIGNMENT DATES 7/7/82 THRU 7/7/82
 ASSIGNMENT PERCENTAGES
 MOS % OF FILL FOR ASSIGNMENTS MADE FOR CURRENT RECEPTION STATION WEEK

MOS SCORES FOR CURRENT RECEPTION STATION WEEK
 ASSIGNMENT PERCENTAGES
 1ST 10% /2ND 10% /3RD 10% /4TH 10% /5TH 10% /6TH 10% /7TH 10% /8TH 10% /9TH 10% /10TH 10% /
 23102- 23737- 24372- 25007- 25642- 26277- 26912- 27546- 28180- 28814-
 23736 24371 25006 25641 26276 26911 27545 28179 28813 29447

AVE OF ALL
 ASSIGN FOR
 0081
 AVE RAW SCORE
 AVE MOS SCORE
 AVE RAW EV
 AVE SCALE EV
 AVE QV
 AVE SCALED QV
 AVE OPI

Figure 31-1. ASSIGN report generation procedures with qualification and quota scores.

Section IV

IV. OUTPUT DESCRIPTION

31–8. Output.

ASSIGN provides output in the format described in table 31–2.

Table 31–2
ASSIGN output description.

Field Name	Field label	Content Description
MOS code	MOS	The four-digit MOS to which assignments were made.
Number of seats available for the current reception station week	SEATS CUR RSW	The number of available seats for an MOS for the current RECSTA week.
Number of seats filled for the current reception station week	FILL CUR RSW	The number of reservations made for an MOS during the current RECSTA week.
Percent of fill for the current reception station week	% FILL CUR RSW	The number of reservations made divided by the number of seats available for an MOS, multiplied by 100.
Percent of fill of all MOSs	% FILL OF ALL MOS	The total number of assignments made for the current RECSTA week, multiplied by 100.
Percent of fill for assignments made for each 10th percentile	ASSIGNMENT PERCENTAGES NO. %	The number of assignments made for an MOS for each tenth percentile and the percent of fill for the MOS of all assignments made.
Average raw score	AVE RAW SCORE	The qualifying score earned for the MOS by one individual assigned to the MOS for the current RECSTA week.
Average MOS score	AVE MOS SCORE	The average qualifying score earned for the MOS calculated from the scores of all individual assigned to the MOS for the current RECSTA week.
Average raw eligibility value	AVE RAW EV	The number calculated by subtracting the average MOS score from the average raw score. This result indicates the average degree of eligibility of individuals assigned to the MOS.
Average scaled eligibility value	AVE SCALE EV	The raw eligibility values ranked from 1 to 100, where the highest EV is 1 and the lowest is 100.
Average quota value	AVE QV	Calculated by $100 - \text{class priority} + 1$. This indicates the fill weight of the MOS (the Army's need for the MOS to be filled).
Average scaled quota value	AVE SCALED QV	The average quota values scaled from 1 to 100 with the highest quota value ranked as 1 and the lowest ranked as 100.
Average optimality index	AVE OPI	Indicates the average priority ranking for the MOS. Inductees are assigned to the MOS with the highest OPI, where 1 is the highest priority.

31–8A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

31–9. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. ERROR DURING EXECUTION OF IBATCH EXEC CALLED FROM SUBROUTINE BATCH.
RET CODE = XXXX
2. ERROR ON LUN = XXX
VSAM ERROR RETURN CODE = XXXX

ACTION CODE = XXX
 KEYS (IN HEX) = XXXXXXXX
 RECORD TYPE = XXX
 SPARE VARIABLE 1 = XXXXXX
 SPARE VARIABLE 2 = XXXXXX
 3. CALL REQUEST OFFICE.
 4. INVALID ACTION CODE-MSI002
 5. INVALID TYPE FOR ACTION = XXX
 6. ERROR IN MOVECH-MOVE = XXX-MSI002
 7. KEY(6) = XXX INVALID RECORD NUMBER FOR ACTION 6.
 8. COUNTER = XXX INVALID FOR ACTION 6
 9. VALUE = XXX INVALID FOR ACTION 6
 10. ERROR: TEXT MUST END WITH A PERIOD - QUIT
 11. VSAM ERROR = XXXX ON LUN XXX
 12. VMCF ERROR = XXXXXXXX FOR LUN XXX
 13. NO SINK AVAILABLE FOR LUN XXX
 14. THIS ACTION NOT VALID FOR LUN15.
 15. ERROR: NON-INTEGER USERID-USEGET.
 16. *** TRACE BACK ***
 ENTRY POINT ENTRY ADDRESS RETURN ADDRESS

31-10. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 31-3
Operation Errors.

MESSAGE: START ASSIGNMENT DATE MUST BE LESS THAN OR EQUAL TO THE END ASSIGNMENT DATE
ACTION: The user has entered an end date that falls prior to the entered start date. Enter a start date that falls prior to or is equal to the end date.
MESSAGE: THE ASSIGNMENT DATE RANGE MUST BE FOR THE SAME RECEPTION STATION DATE
ACTION: The user has entered assignment dates that do not fall within the same reception station week. Enter start and end dates that fall within the same RECSTA week.
MESSAGE: YOU MUST ENTER THE BEGIN MOS
ACTION: The user failed to enter a beginning MOS for the range of MOSs to be reported. Enter a beginning MOS.
MESSAGE: THE END MOS MUST BE GREATER THAN THE BEGIN MOS
ACTION: The user entered an end MOS that was less than the beginning MOS. Enter an end MOS that is greater than or equal to the beginning MOS.

Chapter 32

RMSCST PROGRAM

Section I

PROGRAM SUMMARY

32-1. Purpose.

The RMSCST program enables the user to report statistics on the Computer Service Unit (CSU) cost and elapsed time for the BUILDREC, RMSRCH, and VRQSTR programs. The CSU figure represents the cost of number of units used by the computer to process the program; elapsed time is the actual processing time in which the programs are run.

32-2. Applicability.

The RMSCST program is accessed by the following user group:

- KEYSTONE Branch.

32-3. Functions.

RMSCST has one function. The program will report the statistics on CSU cost and elapsed time for the BUILDREC, RMSRCH, and VRQSTR programs, for a range of enlistment dates.

32-4. Options.

RMSCST provides the user with the option of reporting data for one LOCID, for all LOCIDs or for the LOCIDs which are participating in the RMS test.

Section II

INPUT REQUIREMENTS

32-5. Data Items.

RMSCST requires the user to enter the items described below in table 32-1.

Table 32-1
RMSCST input data items.

Field Name	Field label	Valid Values
Location ID	LOCID (3)	Enter the three-character code identifying the Military Enlistment Processing Station (MEPS)
Beginning RMS assignment Date	BEG RMS ASSIGNMENT DATE (8)	Enter the date, in DD/MM/YY format, specifying the enlistment date.
End date	END DATE (8)	Enter the date, in DD/MM/YY format, specifying the end day of the user specified report range.

32-5A. Title not used.

Paragraph not used.

Section III

PROGRAM OPERATION

32-6. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters RMSCST and depresses the carriage return key. The program is now ready to communicate with the user.

32-7. Procedures.

Follow the procedures described below to execute the RMSCST program. Refer to figure 32-1 for the sample report.

Table 32-1A
Procedures.

RMSCST: REPORT OF RMS CSU COUNTS AND ELAPSED TIME BY LOCID. ENTER 1 LOCID, "ALL", "TEST" (FOR PARTICIPATING LOCIDS) OR "END".

USER:

1. Enter a three-character valid LOCID to get the statistical report on a single LOCID.
2. Enter ALL to get the statistical report on all LOCIDS.
3. Enter TEST to get the statistical report on the LOCIDs which are participating in the RMS test.
4. Enter END to terminate the program.
5. Depress the carriage return key.

RMSCST:

BEG RMS ASSIGNMENT DATE/END DATE

1. Enter the starting assignment date.
2. Enter the ending date. Return to the previous prompt.
3. Depress the carriage return key.

USER: N/A

REPORT OF RMS CSU COUNTS AND ELAPSED TIME BY LOCID.
 ENTER 1 LOCID, "ALL", "TEST" (FOR PARTICIPATING LOCIDS) OR "END"
7E2
 BEG RMS ASSIGNMENT DATE/ END DATE
30/4/82 1/5/82

LOCID: 7E2

		INDUCTEE			NON-INDUCTEE			TOTAL		
		BILD	ASGN	COMB	BILD	ASGN	COMB	BILD	ASGN	COMB
AVG	CSU	3	7	11	3	7	11	3	7	11
TOTAL	CSU	161	364	525	61	126	187	222	490	712
TIME RANGES										
-	1	0	34	0	2	0	0	2	34	0
	1	35	13	0	6	16	0	41	29	0
	2	12	0	37	6	0	5	18	0	42
	3	0	0	10	3	0	7	3	0	17
	4	0	0	0	0	1	3	0	1	3
	5	0	0	0	0	0	1	0	0	1
	6	0	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	1	0	0	1
	9	0	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0	0
	12 +	0	0	0	0	0	0	0	0	0
TOTAL		47			17			64		
LOW	TIME	1	0	2	0	1	2	0	0	2
HIGH	TIME	2	1	3	2	4	8	3	4	8
AVG	TIME	1.8	1.0	2.8	2.1	1.7	3.8	1.9	1.2	3.0
TOTAL	TIME	84	45	130	35	29	64	119	75	195

ENTER 1 LOCID, "ALL", "TEST" (FOR PARTICIPATING LOCIDS) OR "END"
END

Figure 32-1. RMSCST sample report.

Section IV OUTPUT DESCRIPTION

32-8. Output.

RMSCST provides a statistical report for volunteers and inductees, showing used computer unit cost and actual processing time for the programs. RMSCST provides output in the format described in table 32-2.

Table 32-2
RMSCST output description.

Field Name	Field label	Content Description
Inductee	INDUCTEE	Statistics for inductees.
Non-inductee	NON-INDUCTEE	Statistics for non-inductees.
BILDREC	BILD	Statistics for BUILDREC program.
Assignment programs	ASGN	Statistics for the Assignment programs RMSRCH and VRQSTR.
Combination	COMB	Statistics for all three programs.
Average CSU	AVG CSU	Displays an average of computer cost units for each program
Total CSU	TOTAL CSU	Displays the total computer cost units to process each program.
Time ranges	TIME RANGES	The figures in this column indicate the time required to process an individual. For example 12 individuals required the time between two and three minutes.
Total	TOTAL	Displays the total elapsed time of processing the programs.
Low time	LOW TIME	Displays a minimum time required to process an individual.
High time	HIGH TIME	Displays the maximum time required to process an individual.
Average time	AVG TIME	Displays an average of elapsed time.
Total time	TOTAL TIME	Displays the summation of elapsed time for all individuals processed.

32-8A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

32-9. System Errors.

The following is a representative list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. ERROR ON LUN = XXX
VSAM ERROR RETURN CODE = XXXX
ACTION CODE = XXX
KEYS (IN HEX) = ZZZZZZZZ, ZZZZZZZZ
RECORD TYPE XXX
SPARE TYPE XXX
SPARE VARIABLE1 = XXXXXX
SPARE VARIABLE2 = XXXXXX
CALL REQUEST OFFICE
2. ERROR-TEXT MUST END WITH A PERIOD-QUIT
3. VSAM ERROR = XXXX ON LUN XXX
VMCF ERROR = XXXXXXXX FOR LUN XXX
NO SINK AVAILABLE FOR-LUN XXX
4. SI008 HANDLES ACT = 6 ONLY FOR TYPE =13
BWRD, IS NOT A VALID UPDATE TYPE
PPOS, IS INVALID PRIMARY POINTER (ACTION 6 IN SI008)
5. INVALID NUMREC IN SI015
THIS ACTION NOT VALID FOR LUN 15
6. ERROR: NON-INTEGGER USERID-USEGET
7. *** TRACE BACK ***
ENTRY POINT ENTRY ADDRESS RETURN ADDRESS

32-10. Operation Errors.

The following is a possible operation error message and the corrective action to be taken.

Table 32-3
Operation Errors.

MESSAGE: IN AN INVALID LOCID

ACTION: The user has entered an invalid LOCID. RMSCST will repeat the prompt. Enter a valid LOCID.

Chapter 33

DSTRMS PROGRAM

Section I

PROGRAM SUMMARY

33-1. Purpose.

The DSTRMS program enables the management user to report the distribution of Active Army (AA) inductees and volunteers by enlistment locations and/or by reception station locations. The program will report the distribution for a range of enlistment dates.

33-2. Applicability.

The DSTRMS program is accessed by the following user group:

- a. KEYSTONE Branch

33-3. Options.

DSTRMS allows the management user the option of selecting from seven types of reports:

- (A) DETAILS REPORT ONLY
- (B) REGIONS REPORT ONLY
- (C) TOTALS REPORT ONLY
- (D) DETAILS WITH REGIONS REPORT
- (E) REGIONS WITH TOTALS REPORT
- (F) DETAILS WITH TOTALS REPORT
- (G) DETAILS WITH REGIONS AND TOTALS REPORT
- (H) END

a. Option A generates a distribution report of the number of individuals being sent from the reported MEPS to the listed reception stations for a desired range of enlistment dates. One or more MEPS are associated with each city reported.

b. Option B generates a distribution report displaying the total number of individuals assigned to each reception station from that region. Reception stations will not be displayed if no individuals are assigned to it.

c. Option C generates a distribution report displaying the total number of individuals assigned to each reception station from all regions.

d. Option D generates a distribution report displaying a combination of the 'A' and 'B' reports.

e. Option E generates a distribution report displaying a combination of the 'B' and 'C' reports.

f. Option F generates a distribution report displaying a combination of the 'A' and 'C' reports.

g. Option G generates a distribution report displaying a combination of the 'A', 'B' and 'C' reports.

Section II

INPUT REQUIREMENTS

33-4. Data Items.

DSTRMS requires the user to enter the items described below in table 33-1. Refer to paragraph 33-3 for the input options.

Table 33-1
DSTRMS input data items.

Field Name	Field label	Content Description
Beginning RMS assigned date	BGN RMS ASSIGN DATE (8)	Enter the date, in DD/MM/YY format, specifying the enlistment date.
End RMS assigned date	END RMS ASSIGN DATE (8)	Enter the date, in DD/MM/YY format, for the end of the report date range.

33-4A. Title not used.

Paragraph not used.

Section III
PROGRAM OPERATION

33-5. Initiation Procedures.

After completing the sign-on procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters DSTRMS and depresses the carriage return key. The program is now ready to communicate with the user.

33-6. Procedures.

Follow the procedures described below to display the distribution report and reception station report. Refer to figures 33-1, 33-2 and 33-3 for sample execution procedures.

Table 33-1A
Procedures.

DSTRMS: SELECT REPORT TYPE (A, B, C, D, E, F, G, H)

USER:

- (A) DETAILS REPORT ONLY
- (B) REGIONS REPORT ONLY
- (C) TOTALS REPORT ONLY
- (D) DETAILS WITH REGIONS REPORT
- (E) REGIONS WITH TOTALS REPORT
- (F) DETAILS WITH TOTALS REPORT
- (G) DETAILS WITH REGIONS AND TOTALS REPORT
- (H) END

DSTRMS: N/A

USER:

1. Select and enter the desired report type (A, B, C, D, E, F, or G) from the list displayed. or
2. Enter H to terminate the program.
3. Depress the carriage return key.

DSTRMS: BGN RMS ASSIGN DATE /END RMS ASSIGN DATE OR END(E)

USER:

1. Enter the beginning assignment date and the end assignment date in DD/MM/YY format.
 2. Enter E to terminate the program.
 3. Depress the carriage return key.
-

SELECT REPORT TYPE (A,B,C,D,E,F,G,H)
 (A) DETAILS REPORT ONLY
 (B) REGIONS REPORT ONLY
 (C) TOTALS REPORT ONLY
 (D) DETAILS WITH REGIONS REPORT
 (E) REGIONS WITH TOTALS REPORT
 (F) DETAILS WITH TOTALS REPORT
 (G) DETAILS WITH REGIONS AND TOTALS REPORT
 (H) END

A
 BGN RMS ASSIGN DATE/END RMS ASSIGN DATE OR END(E)
25/10/82 15/12/82
 DISTRIBUTION REPORT FOR ALBANY LOCIDS: 92A

RECEPTION STATION LOCATIONS 25/10/82 TO 15/12/82 22:24:47
 DIX JACK LWOX KNOX BLIS SILL MCCL GORD
 SON D S ELL ON
 4 1 4 1 20 3 8 6

DISTRIBUTION REPORT FOR BALTIMORE LOCIDS: 1A2 27A 3A9 3C4 1A4

RECEPTION STATION LOCATIONS 25/10/82 TO 15/12/82 22:24:50

0

DISTRIBUTION REPORT FOR BOSTON LOCIDS: 27A A81 1A5

RECEPTION STATION LOCATIONS 25/10/82 TO 15/12/82 22:24:55
 DIX JACK LWOX KNOX BLIS SILL MCCL GORD
 SON D S ELL ON
 16 6 21 5 16 5 7 18

DISTRIBUTION REPORT FOR SYRACUSE LOCIDS: 44A 9YA

RECEPTION STATION LOCATIONS 25/10/82 TO 15/12/82 22:25:09
 DIX JACK LWOX KNOX BLIS SILL MCCL GORD
 SON D S ELL ON
 24 1 9 4 13 5 5 11

Figure 33-1. DSTRMS details report sample.

SELECT REPORT TYPE (A,B,C,D,E,F,G,H)

- (A) DETAILS REPORT ONLY
- (B) REGIONS REPORT ONLY
- (C) TOTALS REPORT ONLY
- (D) DETAILS WITH REGIONS REPORT
- (E) REGIONS WITH TOTALS REPORT
- (F) DETAILS WITH TOTALS REPORT
- (G) DETAILS WITH REGIONS AND TOTALS REPORT
- (H) END

B

BGN RMS ASSIGN DATE/END RMS ASSIGN DATE OR END(E)
25/10/82 15/12/82

NORTH EAST REGION TOTALS FOR DISTRMS

RECEPTION STATION LOCATIONS								25/10/82	TO 15/12/82	22:37:52
DIX	JACK	LWOO	KNOX	BLIS	SILL	MCCL	GORD			
	SON	D		S		ELL	ON			
237	33	97	36	258	28	47	157			

SOUTH EAST REGION TOTALS FOR DSTRMS

RECEPTION STATION LOCATIONS								25/10/82	TO 15/12/82	22:38:47
DIX	JACK	LWOO	KNOX	BLIS	SILL	MCCL	GORD			
	SON	D		S		ELL	ON			
69	12	43	12	168	11	17	88			

SOUTH WEST REGION TOTALS FOR DSTRMS

RECEPTION STATION LOCATIONS								25/10/82	TO 15/12/82	22:39:27
DIX	JACK	LWOO	KNOX	BLIS	SILL	MCCL	GORD			
	SON	D		S		ELL	ON			
23	9	22	9	40	5	7	19			

Figure 33-2. DSTRMS regions report sample.

```

SELECT REPORT TYPE (A,B,C,D,E,F,G,H)
  (A) DETAILS REPORT ONLY
  (B) REGIONS REPORT ONLY
  (C) TOTALS REPORT ONLY
  (D) DETAILS WITH REGIONS REPORT
  (E) REGIONS WITH TOTALS REPORT
  (F) DETAILS WITH TOTALS REPORT
  (G) DETAILS WITH REGIONS AND TOTALS REPORT
  (H) END

```

```

C
BGN RMS ASSIGN DATE/END RMS ASSIGN DATE OR END(E)
  25/10/82           15/12/82

```

GRAND TOTALS FOR DSTRMS

```

      RECEPTION STATION LOCATIONS 25/10/82 TO 15/12/82 22:45:03
DIX JACK LWOO KNOX BLIS SILL MCCL GORD
    SON D      S      ELL ON
    327  71  228  79  570  58  95  343

```

Figure 33-3. DSTRMS totals report sample.

Section IV OUTPUT DESCRIPTION

33-7. Output.

DSTRMS provides output in the format described in table 33-2.

Table 33-2
DSTRMS output description.

Field Name	Field label	Content Description
LOCID	LOCID	The three-character code identifying the MEPS.
Reception station location	RECEPTION STATION LOCATION	The reception station corresponding to the user specified LOCID.
Total	TOTL	The total number of individuals assigned to each reception station location.

33-7A. Title not used.

Paragraph not used.

Section V ERROR MESSAGES AND CORRECTION PROCEDURES

33-8. System Errors.

The following is a representative list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. ERROR DURING EXECUTION OF IBATCH EXEC CALLED FROM SUBROUTINE BATCH
RET CODE = XXXX
2. IDIM-BINARY-INVALID DIMENSION IN BINARY SEARCH
3. ERROR ON LUN = XXX
VSAM ERROR RETURN CODE = XXXX
ACTION CODE = XXX

KEYS (IN HEX) = ZZZZZZZZ, ZZZZZZZZ
 RECORD TYPE = XXX
 SPARE VARIABLE 1 = XXXXXX
 SPARE VARIABLE 2 = XXXXXX
 CALL REQUEST OFFICE

4. ERROR: TEXT MUST END WITH A PERIOD - QUIT
5. VSAM ERROR = XXXX ON LUN XXX
 VMCF ERROR = XXXXXXXX FOR LUN XXX
 NO SINK AVAILABLE FOR LUN XXX
6. PPOS, IS INVALID PRIMARY POINTER (ACTION 6 IN S1008)
7. ERROR IN COUNT AND VALUE ARGUMENTS IN S1009
8. ACT = 6 ONLY ALLOWED FOR TYPE 7 THROUGH 10
9. ACTION, THIS ACTION NOT VALID FOR LUN 15
10. ERROR: NON-INTEGGER USERID-USEGET
11. ****TRACE BACK****
 ENTRY POINT ENTRY ADDRESS RETURN ADDRESS

33-9. Operation Errors.

The following list contains possible operation error messages and the corrective action to be taken for each.

Table 33-3
Operation Errors.

MESSAGE: IS AN INVALID RESPONSE

ACTION: The user has entered an invalid response to the prompt. DSTRMS will repeat the prompt. Enter a valid response.

Chapter 34

RMSEXG PROGRAM

Section I

PROGRAM SUMMARY

34-1. Purpose.

The RMSEXG program is a REQUEST Mobilization System (RMS) Grand Payload program which creates a tape for daily data transmission. The tape contains records from the Active Army (AA) Recruit file and the Reserve Enlistment Program (REP) Recruit file. The RMSEXG program is run in batch mode.

34-2. Applicability.

The RMSEXG program is accessed by the following user groups:

- a. KEYSTONE Branch

34-3. Functions.

RMSEXG has one function. The program creates a Daily Data Transmission (DDT) tape.

Section II

INPUT REQUIREMENTS

34-4. Data Items.

RMSEXG requires the user to enter the date, in DD/MM/YY format, on which the Daily Data Transmission (DDT) tape is to be created.

34-4A. Title not used.

Paragraph not used.

Section III

PROGRAM OPERATION

34-5. Initiation Procedures.

After completing the sign-on-procedures described in Appendix B, the system prints the following message:

ENTER PROGRAM NAME, "LIST" OR "OFF"

The user enters RMSEXG and depresses the carriage return key. The program is now ready to communicate with the user.

34-6. Procedures.

Follow the procedures described below to execute RMSEXG. Refer to figure 34-1 for sample RMSEXG output.

Table 34-0
Procedures.

RMSEXG: ENTER TEST SINK (T) OR LIVE SINK (L)?

USER:

1. Management users enter T to activate test sinks. Field users do not see this prompt.
 2. Management users enter L to activate live sinks. Field users do not see this prompt.
 3. Depress the carriage return key.
-

RMSEXG: ENTER RMSDDT TAPE (D) OR END (E)?

USER:

1. Enter D to create the RMS Daily Data Transmission(RMSDDT) tape.
 2. Enter E to terminate the program without further processing.
 3. Depress the carriage return key.
-

RMSEXG: CREATE RMSDDT TAPE WITH SPECIAL DATE (Y OR N OR E)

USER:

1. Enter Y to create the RMSDDT tape for any date including today's date.
 2. Enter N to create the RMSDDT tape for today's date.
 3. Enter E to terminate the program without further processing.
 4. Depress the carriage return key.
-

RMSEXG: ENTER DATE (EG. DD/MM/YY)?

USER: Enter the desired date and depress the carriage return key. The program then creates the RMSDDT tape.

ENTER TEST SINK (T) OR LIVE SINK (L)?

T

ENTER RMSDDT TAPE (D) OR END (E)?

D

CREATE RMSDDT TAPE WITH SPECIAL DATE? (Y OR N OR E)

N

ENTER DATE (EG. DD/MM/YY)?

21/06/82

** TOTAL NUMBER OF RMS AA RECRUITS PROCESSED: 906

REAL + DUMMY RECORDS: 906

R161582070 FILORETO, ALBERT G. 11C1230301648621911311612

210512111111611 23 61111111311X1808Q682 060982

910098285030982 EVR

RMSDDT 820519 G0000V00 /1 W66500 SL

RMSDDT 820525 G0000V00 /1 W67111 SL

Figure 34-1. RMSEXG output.

Section IV

OUTPUT DESCRIPTION

34–7. Output.

RMSEXG provides the total number of RMS Active Army recruits processed during the Grand Payload test and prints out the contents of the first ten recruit records on the RMSDDT tape. Refer to table 34-1 for a narrative description of RMSEXG output fields.

Table 34–1
RMSEXG output fields.

Field Name	Field label	Content Description
REQUEST Mobilization System Active Army recruits	RMS AA RECRUITS	The total number of AA recruits processed during the Grand Payload test.
Recruit record data	See output sample, figure 34–1	Alphanumeric data, 120 characters long, containing codes from the recruit's personnel record. Refer to table 34–2 for a description of the content of these personnel codes.
REQUEST Mobilization System Daily Data Transmission tape	RMSDDT	The tape created by RMSEXG.
System label	G0000VOO/1	Alphanumeric Army Training Requirements and Rescue System (ATRRS) system label.
Tape volume number	W66500	Tape volume number.
Standard label	SL	The standard tape label.

Table 34–2
RMSEXG recruit record data output.

Position	Content
1–2	Blanks.
3	Service component R – Active Army V – USAR G – ARNG
4 – 12	Social security number
13 – 40	Name
41	Sex code 1 – Male 2 – Female
42	Citizenship code. 0 – No 1 – Yes –
43	Race code. C – Caucasian N – Negro M – Asian R – Indian X – Other Z – Unknown
44–45	Years of education.
46	Civilian education code. 0 – NHSG 5 – ATTN K – BACL 1 – NHSG 6 – HSSR N – MAST 2 – GEDH A – CLEP R – MAST 3 – HSDG D – ASSC U – DOCT 4 – COMP G – NURS W – PROF

Table 34-2
RMSEXG recruit record data output.—Continued

Position	Content
47-52	Date of birth (DDMMYY).
53-54	AFQT score.
55-57	GT test score.
58-60	GM test score.
61-63	EL test score.
64-66	CL test score.
67-69	MM test score.
70-72	SC test score.
73-75	CO test score.
76-78	FA test score.
79-81	OF test score.
82-84	ST Aptitude Area score.
85-87	AP test score
88-90	MVDB (Motor Vehicle Battery) test score.
91-93	DLAB test score.
94	Enlistment type. 0 - NPS 1 - PS 2 - NPSR 3 - PSR 4 - CAS 5 - PCAS
95-98	Blank.
99-102	location ID.
103-108	Enlistment date (DDMMYY).
109	Deliver license code. 0 - No 1 - Yes
110-120	Blank

34-7A. Title not used.

Paragraph not used.

Section V

ERROR MESSAGES AND CORRECTION PROCEDURES

34-8. System Errors.

The following is a list of possible system errors. If any of these error messages appear, call the KEYSTONE Branch immediately.

1. ERROR DURING EXECUTION OF IBATCH EXEC CALLED FROM THE SUBROUTINE BATCH.
RET CODE = XXXX
2. ERROR ON LUN XXX
VSAM ERROR RETURN CODE = XXXX
ACTION CODE = XXXX
KEYS (IN HEX) = XXXX
RECORD TYPE = XXX
SPARE VARIABLE 1 = XXXXXX
SPARE VARIABLE 2 = XXXXXX
3. PROBLEM IN SUBROUTINE MOVECH OF RMTRAA.
4. SUBROUTINE MOVECH ERROR IN RMTRRP
5. VSAM ERROR = XXXX ON LUNXXX
6. VMCF ERROR = XXXXXXXX FOR LUNXXX
7. NO SINK AVAILABLE FOR LUNXXX
8. SI008 HANDLES ACT = 6 ONLY FOR TYPE = 13.
9. XXXX IS NOT A VALID UPDATE TYPE.
10. XXXX IS NOT A VALID POSITION OF A LOCID.
11. XXXX IS INVALID PRIMARY POINTER (ACTION 6 IN SI008).
12. INVALID NUMREC IN SI015.
13. 13 THIS ACTION NOT VALID FOR LUN15.

14. READMANY IN SI048 ONLY ALLOWED FOR TYPES 2, 4, 5, 6.
15. ERROR IN UPDATE ARGUMENTS CALLING SI048.
16. ERROR: NON-INTEGER USERID - USEGET.
17. **** TRACE BACK ****
ENTRY POINT ENTRY ADDRESS RETURN ADDRESS
XXXX XXX ZZZZZZZZ ZZZZZZZZ

34-9. Operation Errors.

There are no operation error messages in this program.

Appendix A

PRINCIPLES OF OPERATION

A-1. General.

This manual assumes that the user is already familiar with the Army's normal recruiting and training procedures. However, there are some aspects of using REQUEST with which even experienced Army personnel may not be familiar. Automation requires certain standard methods of data entry and format. Some basic principles of operation which apply throughout REQUEST are presented in this section. All social security numbers and names used in this manual are fictional.

A-2. Data entry.

Data entry is the process of typing information on the terminal when communicating with RMS. There are certain basic principles of data entry that must be observed in order to correctly execute the programs.

a. Data items. Each piece of information the user enters must be typed between the slashes printed by the terminal. Any letters, numbers, or other characters that are typed directly under a slash are not entered into the system. Errors such as this can cause unrecognizable responses and can be costly.

b. Data format. Each piece of information must be entered in the exact format, as described, for the program being executed. Some formats that are always the same include the following data items:

(1) Social Security numbers must always be valid nine digit social security numbers entered without spaces or dashes. For example, 111223333, 222334444, 333445555.

(2) Names must always be entered in last name, first name, middle initial order. For example:

DAVIS, ROBERT L.

KANE, JOHN R.

HARRIS, ANNE F.

(3) Dates are always entered in DD/MM/YY format, including the slashes. 23 February 1978 is entered as 23/2/78, 4 September 1977 is entered as 4/9/77, and 12 October 1977 is entered as 12/10/77.

c. Typing errors. If a typing error is discovered before depressing the carriage return key, hold down the control key and depress the H key one time for each space that needs correction. Then simply retype over the erroneous information. If an entire line needs to be erased, hold down the control key and depress the X key. This moves the printing head back to the left-hand margin and erases the line.

d. Carriage return key. After each line of information is entered, the user must depress the carriage return key. This signals the computer to read the information and respond. If several pieces of information are entered on one line, depress the carriage return key only at the end of the line. For single letter or single word entries, depress the carriage return key immediately after the entry.

e. Data accuracy. It is critical that all user entries be correct. Be certain to read all information that is entered on the terminal. And for those programs that allow the user to display newly entered information, if it is good practice to do so. Transmitting erroneous information to the computer can only cause additional problems for the user at a later time.

A-3. Signing on with TELENET.

To initiate on-line processing, it is necessary to establish a communications link between your terminal and the computer using the telephone system. TELENET is a system for facilitating the linkage of terminals to mainframe computers. Follow the procedures described below to use TELENET for accessing the BCS computer.

a. Begin the sign-on procedures by following the instructions appropriate for your terminal.

(1) *For an ASCII teletype (TTY) terminal, a Personal Computer equipped with an RS232C Communications Interface and a Terminal Emulation Package, or a Communicating Word Processor:*

(1) Turn on the terminal.

(2) If the user is at a communicating word processor, the user should now load the communications program diskette. For other terminals, skip this step and continue at step (3).

(3) Set the transmission speed on the terminal to 110, 300, or 1200 BPS, depending upon the requirements of the terminal and/or the modem.

(4) Set the parity to EVEN.

(5) Set the signal to HALF-DUPLEX.

(6) Dial the TELENET access number. When high pitched tone can be heard in the ear-piece, set the handset into the acoustic coupler. (If the phone is a Data-phone, depress the DATA button.)

(7) Depress the carriage return key, enter the semicolon symbol (;) and depress the carriage return key again.

(8) Go to section A-3b.

(2) *For terminals hard-wired directly to TELENET:*

(1) Turn on the terminal. If the terminal has an AUTO-CONNECT feature, the terminal will now be linked to the BCS

computer.

(2) If the terminal is not yet linked to the BCS computer, go to section A-3c and execute the procedures there.

(3) *For an IBM 2741 or other Selectric-based terminal:*

(1) Make sure that the terminal control is set to OFFLINE or LOCAL.

(2) Turn on the terminal.

(3) Dial the TELENET access number. When a high pitched tone can be heard in the ear-piece, set the handset into the acoustic coupler. (If the phone is a Data-phone, depress the DATA button.)

(4) Switch the terminal control to REMOTE or COMM, depending upon which setting the terminal has.

(5) Enter a period (.) and depress the carriage return key.

(6) Go to part A-3b.

(4) *For APL keyboard terminals:*

(1) Turn on the terminal.

(2) Dial the TELENET access number. When a high pitched tone can be heard in the ear-piece, set the handset into the acoustic coupler. (If the phone is a Data-phone, depress the DATA button.)

(3) Determine whether the phone is ASCII or Selectric-based by checking the terminal specifications. If the terminal is ASCII, depress the carriage return key and go on to step (4). Otherwise, go on to step (4).

(4) Enter a right parenthesis symbol ")" and depress the carriage return key.

(5) Go to section A-3b.

b. Once TELENET comes on the line, it will identify itself to the user and display the user's terminal port address. TELENET will then prompt for the terminal model code:

(1) TERMINAL =

(1) Enter the two-character terminal identifier appropriate for the terminal (see Table A-1)

(2) Depress the carriage return key.

(2) If the user is using the TELENET WATS service, TELENET will ask for the user's area code:

AREA CODE =

(1) Enter the three digits of the user's area code.

(2) Depress the carriage return key.

(3) Go to section A-3c.

c. TELENET will next respond with the symbol:

@

(1) Some terminals are required at this point to enter an identification code and password. This code and password are separate from the code and password used to access the BCS computer. Whether a particular terminal is required to enter the TELENET ID code and password will vary from installation to installation. If the user is not sure of the situation with a particular terminal, the user should consult a supervisor. If an identification code is required, execute the following procedure:

(1) Enter the characters ID.

(2) Depress the space bar.

(3) Enter the assigned caller identifier.

(4) Depress the carriage return key.

(2) Some TELENET users are required to enter an ID code but not a password. Users in that case would skip the next prompt; otherwise if TELENET prompts:

PASSWORD =

(1) Enter the password.

(2) Depress the carriage return key.

(3) If the TELENET does not respond with an @ symbol, then the terminal has been linked to the BCS computer automatically. If the link has not been established, TELENET will respond with:

@

(4) If this happens, or if the user is not required to enter an identifier and password, execute the following procedure.

(1) Enter C.

(2) Depress the space bar.

- (3) Enter the network address. (The network address will be supplied to the user by KEYSTONE Branch.)
 - (4) Depress the carriage return key.
- The terminal should now be linked to the BCS computer.

d. Users who are using a personal computer with the RS232C communications interface and an interactive terminal emulation package as a terminal are liable to experience difficulty with the size of their line or page. To resolve this difficulty, the user should inform TELENET of the page size for the terminal. To do this, link up with the BGS computer in the manner described in sections A-3a through A-3c and execute the following procedure:

- (1) Depress the carriage return key.
 - (2) Enter the symbol @.
 - (3) Depress the carriage return key again.
- TELENET will respond with:
- @
- (4) Enter PAGE.
 - (5) Depress the space bar.
 - (6) Enter an integer representing the length of the line (or the width of the page) as the number of characters that can be fit onto a line.

Note. Information about the terminal, such as the page width and length, should be obtained by the user from the user's supervisor.

(7) If the user's personal computer display more than one line at a time, depress the space bar and enter an integer representing the length of the page as the number of lines that can fit on a single page display.

- (8) Depress the carriage return key.
- TELENET will respond with:
- @
- (9) Enter CONT.
 - (10) Depress the carriage return key to connect with the BCS computer.

e. To disconnect from TELENET, execute the following procedure:

- (1) Log off the BCS computer.
- TELENET should respond with:

XXXXXX DISCONNECTED

If TELENET does not respond in this way, perform the following steps:

- (2) Depress the carriage return key.
- (3) Enter the symbol @.
- (4) Depress the carriage return key again.

TELENET will respond with:

- @
- (5) Enter D.
 - (6) Depress the carriage return key.

TELENET will respond with:

DISCONNECTED

- (7) Hang up the telephone.

Table A-1
TELENET Terminal Model Identifiers. (see section A-3b.)*

Terminal Model	ID
ADDS CONSUL 520, 580, 980	D1
ADDS ENVOY 620, REGENT	D1
ALANTHUS DATA TERMINAL T-133	A1
T-300	A8
T-1200	A3
ALANTHUS MINITERM	A2
AM-JACQUARD AMTEXT 425	D1
ANDERSON JACOBSEN 510	D1
ANDERSON JACOBSEN 630	B1
ANDERSON JACOBSEN 830, 832	B3
ANDERSON JACOBSEN 841	use IBM 2741 codes
ANDERSON JACOBSEN 860	B5
APPLE II	D1
ATARI 400, 800	D1
A T & T DATASPEED 40/1, 40/2, 40/3	D1
BEEHIVE MINIBEE, MICROBEE	D1

Table A-1
TELENET Terminal Model Identifiers. (see section A-3b.)*—Continued

Terminal Model	ID
CENTRONICS 761	A8
COMMODORE PET	D1
COMPUCOLOR II	D1
COMPUTER DEVICES CDI 1030	A2
COMPUTER DEVICES TELETERM 1132	A8
COMPUTER DEVICES MINITERM 1200 SERIES	A2
COMPUTER TRANSCEIVER EXECUPORT 300	A2
COMPUTER TRANSCEIVER EXECUPORT 1200	A9
COMPUTER TRANSCEIVER EXECUPORT 4000	A8
CPT 6000, 8000	D1
DATAMEDIA ELITE	D1
DATAPoint 1500, 1800, 2200, 3000, 3300, 3600, 3800	D1
DATA PRODUCTS PROTATERM	A1
DATA TERMINAL & COMMUNICATIONS DTC 3000, 302	B3
DIABLO HYTERM	B3
DIGI-LOG 33 & TELECOMPUTER II	D1
DIGITAL EQUIPMENT (LA 35-36) DECWRITER II	A8
(LA 120) DECWRITER III	A8
DIGITAL EQUIPMENT VT50, VT52, VT100, WS78, WS200	D1
GEN-COMM SYSTEMS 300	B3
GE TERMINET 30	A5
GE TERMINET 300	A4
GE TERMINET 120, 1200	A3
GENERAL TERMINAL GT-100A, GT101, GT110, GT400, GT400B	D1
HAZELTINE 1500, 1400, 2000	D1
HEWLETT PACKARD 2621	D3
HEWLETT PACKARD 2640 SERIES	D1
IBM 2741	
EBCD CODE	
TYPESPHERE ELEMENT CODES: 963, 996, 998	E1
938, 939, 961, 962, 997	E2
942, 943	E3
947, 948	E4
CORRESPONDENCE CODE	
TYPESPHERE ELEMENT CODES: 001, 005, 007, 008	C1
022, 030, 050, 053	C1
067, 070, 085	C1
006, 010, 015	C2
019, 059, 090	C2
021, 025-029, 031-039	C3
060, 068, 086, 123	C3
129-145, 156, 161	C3
043, 054	C4
IBM 3101	D1
INFORMER I304, D304	D1
INFOTON 100, 200, 400, VISTAR	D1
INTELLIGENT SYSTEMS INTECOLOR	D1
INTERTEC INTERTUBE II	D1
LANIER WORD PROCESSOR	D1
LEAR SIEGLER ADM SERIES	D1
LEXITRON 1202, 1303	D1
MEMOREX 1240	A2
MICOM 2000, 2001	D1
NBI 3000	D1
NCR 260	A2
PERKIN-ELMER MODEL 1100, OWL, BANTAM	D1
PERKIN-ELMER CAROUSEL 300 SERIES	A8
RADIO SHACK TRS 80	D1
RESEARCH INC. TELERAY	D1
TEKTRONIX 40002-4024	D1
TELETYPE MODEL 33, 35	A1
TELETYPE MODEL 40	D1
TELETYPE MODEL 43	B3
TELETYPE MODEL 40/1, 40/2, 40/3	D1
TEXAS INSTRUMENT 725	A7
733	A2
735	A6
743, 745, 763, 765	D1
820	B3
99/4	D1
TRENDA 1000, 1500, 2000	use IBM 2741 codes

Table A-1
TELENET Terminal Model Identifiers. (see section A-3b.)*—Continued

Terminal Model	ID
4000 (ASCII)	B1
TYMSHARE 110, 212	A2
315	A8
325	B3
UNIVAC DCT 500	B4
WANG 20, 25, 30, 015, 130, 145	D1
WESTERN UNION EDT 33, 35	A1
300	A3
1200	A4
XEROX 800, 850, 860	D1
XEROX 1700	B3

Notes:

* If the user's terminal is not listed here, and the user is using a personal computer as a terminal, the user should enter D1. Otherwise, leave the field blank and continue.

Table A-2
TELENET Messages.

TELENET: ?

MEANING: TELENET does not understand the user's entry. This could result from a typing error.

TELENET: @

MEANING: TELENET is waiting for a TELENET system command from the user.

TELENET: BAD PASSWORD

MEANING: The user has made a mistake in typing either the ID or the password.

TELENET: xxxxx CONNECTED

MEANING: TELENET has successfully linked the user's terminal to the computer.

TELENET: xxxxx BUSY

MEANING: All computer ports are in use. The user should try to sign on again in five minutes. If the user still cannot get through, the user should contact the KEYSTONE office.

TELENET: xxxxx ILLEGAL ADDRESS

MEANING: This message generally occurs when the user has made an error in entering the network address of the computer. Check for such an error and correct the mistake. If an error cannot be found, the user should call the KEYSTONE office.

TELENET: xxxxx NOT REACHABLE

MEANING:

There is a temporary problem on the TELENET network. Perform the following the following steps:

- (1) If possible, go to another phone. Avoid disconnecting the terminal.
- (2) Call the TELENET customer service representative. (in Virginia, call (800) 5720-0408, elsewhere in the continental U.S., call (800) 336-0437)
- (3) Give the customer service representative:
 - (a) The user's name.
 - (b) The user's phone number.
 - (c) The network address.
 - (d) The terminal port address (see part A-3b).
 - (e) A description of the problem.

The representative will assign the user a "trouble report" number which should be written down and retained for future reference to the problem.

TELENET: STILL PENDING

MEANING: TELENET is attempting to connect the user's terminal to the computer.

TELENET: *POSSIBLE DATA LOSS*****

MEANING: TELENET has had to reset the connection between the user's terminal and the computer. The user should check any records or data that have been entered this session, since they may have to be reentered. If the message remains, the user should contact TELENET Customer Service in the manner described above, under the

*****NOT REACHABLE message.*****

TELENET: LOCAL NETWORK OUTAGE

Table A-2
TELENET Messages.—Continued

MEANING: The TELENET network is having a temporary problem. The user should reestablish the link by initiating the steps described in section A-3c. If the problem continues, the user should contact TELENET Customer Service in the manner described above, under the ****NOT REACHABLE message.

TELENET: STILL COMMECT

MEANING: The user's terminal is still connected to the BCS computer. To resume the session with the computer, enter CONT.

TELENET: DISCONNECTED

MEANING: The user is not linked to the BCS computer. To reestablish a link, the user should initiate the steps described in section A-3c. This message will normally appear when the user logs off of the BCS computer.

TELENET: NOT CONNECTED

MEANING: The user has entered the CONT command to continue a session with the computer when the link with the computer had not been established. To establish the link and start a session, return to the instructions in section A-3c.

Appendix B

SIGN-ON/SIGN-OFF PROCEDURES

B-1. Introduction.

Access to the system is afforded by computer terminals that are linked to the main computer via ordinary telephone lines. To gain access over these telephone lines, the user must follow exactly the procedures described in this appendix. Users in Europe will use the procedures detailed in paragraph B-4. All other users will use the procedures detailed in paragraph B-3.

B-2. Sign-on data items.

All users must enter their particular user identification code and password and the BCS service identifier. Users in Europe must enter, additionally, the terminal identifier, their particular Telenet user identification code and Telenet password and the common Telenet address. Valid values for these data items are given in the tables included in paragraph B-4 for users in Europe and in paragraph B-3 for all other system users.

B-3. Sign-on procedures for U.S. users.

The following table indicates sign-on procedures for U.S. users. Follow the procedures below to sign-on to the system. See figure B-1 for an example.

Table B-1
Sign-on data items for U.S. users.

Data item	Field	Valid values or reference
BCS service identifier	DESIRED SERVICE	CTS2.
User identification code	CP	The six-character code identifying the user's location.
Password	CP XXXXXXXX	The user's current password, obtained from the TASO.

Table B-1A
Sign-on data items for U.S. users.

SYSTEM: N/A

USER:

1. Turn on the power to the computer terminal.
 2. Dial the access telephone number. The telephone number may be obtained from the list provided in table 5-1 of the Conversion User Handbook or from the KEYSTONE Branch.
 3. Wait for a high-pitched tone.
 4. Place the telephone head set firmly in the computer terminal cradle.
 5. Depress the carriage return key.
-

SYSTEM:

WELCOME TO THE BCS NETWORK
YOUR ACCESS PORT IS BCS XXX
SELECT DESIRED SERVICE:

USER:

1. Enter CTS2.
 2. Depress the carriage return key.
-

SYSTEM: MAINSTREAM-CTS ONLINE

CP

USER:

1. Enter L.
 2. Enter a space.
 3. Enter the correct user identification code.
 4. Depress the carriage return key.
-

SYSTEM: CP XXXXXXXX

USER:

Table B-1A
Sign-on data items for U.S. users.—Continued

1. Enter the correct password.
Depress the carriage return key.
-

SYSTEM: At this point, the system will print certain log-on information and the initial prompt, ENTER PROGRAM NAME, 'LIST' OR 'OFF':
USER:

1. To run a program, enter the program name and depress the carriage return key.
 2. To obtain a complete list of the programs available to the user, enter LIST and depress the carriage return key.
 3. To sign off without having run any programs, enter OFF and depress the carriage return key.
-

```
WELCOME TO THE BCS NETWORK
YOUR ACCESS PORT IS BCS XXX
SELECT DESIRED SERVICE: CTS2
MAINSTREAM-CTS ONLINE
CP L XXXXXXXX
CP XXXXXXXXXX
LOGON AT 05:38:13 EDT THURSDAY 04/30/81 LINE 6DA (4-1-192)
CMS REL 6 04/28/81 V003
A (191) R/O
ENTER PROGRAM NAME, 'LIST' OR 'OFF'
```

Figure B-1. Sample log-on procedure for U.S. users.

```
PLEASE TYPE YOUR TERMINAL IDENTIFIER E
-1250-010-
PLEASE LOG IN:
USER NAME: RCFRGXX
PASSWORD: USAXXXX
TELENET
@C 70363
TELENET: CALL CONNECTED
WELCOME TO THE BCS NETWORK
YOUR ACCESS PORT IS BCS XXX
SELECT DESIRED SERVICE: CTS2
MAINSTREAM-CTS ONLINE
CP L XXXXXX
CP XXXXXXXXXX
LOGON AT 05:38:13 EDT THURSDAY 04/30/81 LINE 6DA (4-1-192)
CMS REL 6 04/30/81 V003
A (191) R/O
ENTER PROGRAM NAME, 'LIST' OR 'OFF'
```

Figure B-2. Sample log-on procedure for users in Europe.

B-4. Sign-on procedures for users in Europe.

The following table indicates sign-on procedures for European users. Follow the procedures below to sign-on to the system. See figure B-2 for an example.

Table B-2
Sign-on data items for users in Europe.

Data item	Field	Valid values or reference
BCS service identifier	DESIRED SERVICE	Enter CTS2.
User identification code	CP	The six-character code identifying the user's location.
Password	CP XXXXXXXX	The user's current password, obtained from the TASO.
Terminal identifier	TERMINAL IDENTIFIER	Enter E
Telenet user identifier	USER NAME	The ten-character code identifying the telenet user.
Telenet password	PASSWORD	The seven-character Telenet password.
Telenet address	@	Enter C 70363.

Table B-2A
Sign-on data items for users in Europe.

SYSTEM: N/A

USER:

1. Turn on the power to the computer terminal.
2. Dial the access telephone number. The telephone number may be obtained from the list provided in table 5-1 of the Conversion User Handbook or from the KEYSTONE Branch.
3. Wait for a high-pitched tone.
4. Place the telephone headset firmly in the computer terminal cradle.
5. Depress the carriage return key.

SYSTEM: PLEASE TYPE YOUR TERMINAL IDENTIFIER

USER:

1. Enter E
2. Depress the carriage return key.

SYSTEM:

-1250-010

PLEASE LOG IN:

USER NAME:

USER:

1. Enter the Telenet user identification code.
2. Depress the carriage return key.

SYSTEM: PASSWORD:

USER:

1. Enter the Telenet password.
- Depress the carriage return key.

SYSTEM:

TELENET

@

USER:

1. Enter C 70363.
2. Depress the carriage return key.

SYSTEM:

TELENET: CALL CONNECTED

WELCOME TO THE BCS NETWORK

YOUR ACCESS PORT IS BCS XXX

SELECT DESIRED SERVICE:

Table B-2A
Sign-on data items for users in Europe.—Continued

USER:

1. Enter CTS2.
 2. Depress the carriage return key.
-

SYSTEM:

MAINSTREAM-CTS ONLINE

CP

USER:

1. Enter L.
 2. Enter a space.
 3. Enter the correct user identification code.
 4. Depress the carriage return key.
-

SYSTEM: CP XXXXXXXX

USER:

1. Enter the correct password.
 2. Depress the carriage return key.
-

SYSTEM: At this point, the system will print certain log-on information and the initial prompt, ENTER PROGRAM NAME, 'LIST' OR 'OFF':

USER:

1. To run a program, enter the program name and depress the carriage return key.
 2. To obtain a complete list of the programs available to the user, enter LIST and depress the carriage return key.
 3. To sign off without having run any programs, enter OFF and depress the carriage return key.
-

B-5. Sign-off procedures for all users.

Users can sign-off the system by entering OFF in response to the prompt, ENTER PROGRAM NAME, "LIST" OR "OFF". The system will respond by printing certain log-off information and prompting, "SELECT DESIRED SERVICE:". Nothing need be entered here and the user may complete the sign-off procedure by hanging up the telephone and turning off the power to the computer terminal. Note well that OFF is a valid response to the above prompt only. At no other time will the sign-off be successful and the Army will continue to be charged for computer time even though no work is actually being performed. The prompt occurs upon signing on and upon the completion of each program.

B-6. Error messages.

The following listing contains possible error and information messages and the corrective action to be taken.

Table B-3
Error messages.

MESSAGE: CP

ACTION: This prompt will occur after the user has entered an invalid user identification code. Re-enter the correct user identification code.

MESSAGE: SERVICE NOT AVAILABLE AT THIS TIME

ACTION: This is an information message. The CTS2 service requested is unavailable due to some operational difficulty. Try again later.

MESSAGE: RESTART.

ACTION: The format of the response to the CP prompt is incorrect. Reenter the user identification code exactly as shown in figure B-1 or B-2.

B-7. Sign-on problems.

Problems encountered while attempting to sign-on which are not the fault of the user are generally attributable to the telephone link between the user and the computer. Meaningless output, random or missing characters, misinterpreted (though correctly entered) commands and abrupt service terminations may all be due to poor telephone links. The user may find it advantageous to re-dial the access telephone number and sign-on again in the hope of obtaining a clearer telephone link. Persistent problems should be reported to the KEYSTONE Branch.

Appendix C

PROCESSING MODES

C-1. General.

There are two processing modes available to RMS users: on-line and batch. Some programs may be executed in only one of the modes; others may be executed in both modes. Certain programs have options which allow the user to enter information on-line and execute the report or update in a batch mode. Reports executed in a batch mode may be retrieved and printed on a high speed line printer. Any of the batch capabilities described above which apply to a program or user are described in the Chapter for that program.

C-2. On-line processing.

Generally, processing done over a keyboard terminal and telephone line is considered on-line processing. Input is entered on and output received from the terminal in the on-line mode. Most processing in RMS is on-line processing.

C-3. Batch processing.

a. Generally it is less expensive to execute a program a batch mode. There are two kinds of batch executions, immediate and overnight batch. A batch execution that takes place at non-peak hours, i.e., 8 p.m. to 8 a.m. (overnight-delayed) is less expensive than immediate batch.

b. There are two ways to execute RMS programs in batch mode. For some programs, keypunched cards are processed through a card reader. (Any program in RMS may be executed in this manner.) For others, the user, when executing the program on-line selects a batch mode option after entering the report or program execution parameters. In either case, a program is executed in batch mode with output available through a high speed line printer. Paragraph C-4 describes the card deck and steps required for batch processing. Paragraph C-5 describes the retrieval of output from programs executed in batch mode. Chart C-1 outlines the cards and steps required to submit batch jobs and to retrieve the output.

C-4. Card deck and job submission.

The card deck that is used to initiate batch program through a card reader consists of the following cards. These cards plus an on-line terminal job submission step are required to submit a card batch job.

a. *Sign-on card.* The sign on card is required each time the card reader is dialed into the TSO computer. Table C-1 contains the information required for the sign on card. Numerous batch executions may be submitted with one sign-on.

b. *Job card.* The job card along with the route punch card (c.) will send the card deck from the card reader through the TSO computer to the CTS2 computer where it needs to reside for batch execution. All RMS programs execute on the CTS2 computer. The TSO computer is used only to handle the batch card input and the printer output. Table C-2 contains the information required for the job card.

c. *Route Punch card.* The route punch card is used in conjunction with the job card (b.) as described in the previous paragraph. Table C-3 contains the information required for the route punch card.

d. *:READ card.* The :READ (colon read) card is needed for the jobstream in order to flag the program that is running. Table C-4 contains the information required for the colon read card. Note: Report and Update program colon read cards differ. Columns 17 to 20 are blank for report programs. Columns 17 to 20 contain the word "DATA" for update programs such as BQUOTA.

e. *ML SPOOL card (for report programs only).* The ML (master link) SPOOL card is for report programs only. The ML SPOOL card tells the operating system at execution time where the output goes, i.e., which high speed printer. Starting in column 24 the user may specify a form of an output file queue which is in effect a "gate" for the output and when retrieving output may load a particular paper at the printer and using a queue dump card (m.) retrieve the program output. Table C-5 contains the information required for the ML SPOOL card.

f. *Stacking card (for report programs only).* The stacking card tells the operating system to stack the program name and the responses to all the program prompts into a buffer before the program executes so that the answers to the prompts are available during the execution of the program. Table C-6 contains the information required for the stacking card.

g. *Program name card (for report programs only).* The program name card identifies the program to be executed. This card contains the program name starting in column 1. It is in effect, the response to the on-line initiation prompt of ENTER PROGRAM NAME, "LIST" OR "OFF".

h. *Prompt response cards (for report programs only).* Prompt response cards contain information required by the program. There must be one card for each and all necessary answers to the prompts within each program. The number of cards will vary according to the path taken by the user in the on-line procedures as specified in the user manual. The information must be punched in exactly the same format and columns as required by on-line execution. Included among the cards must be the response to prompts such as REPORT, UPDATE OR END. Enter END in the appropriate columns of the prompt response card. Do not use this card to replace the off card described below (i). The off card is a separate card.

The user has the option of adding another program name card (g) here, followed by the required prompt response cards (h) before adding the off card (i). This option will result in the reports of both programs coming out on the high speed printer as one printer file. That is, everything from the stacking card (f) to the off card (i) will be output at one printing.

i. *Off card (for report programs only).* The off card is used to answer the prompt ENTER PROGRAM NAME, "LIST" OR "OFF". The characters must be punched in columns 1 to 3. This card releases the program output to the printer queue.

j. *&END card (for report programs only).* The &END (ampersand end) card tells the operating system to close the stack in the buffer which was started by the stacking card (f.) so that the program(s) execution may proceed. Table C-7 contains the information required for the &END card.

k. *Sign-off card (optional).* The sign-off card is used to disconnect the card reader from the TSO computer. This card may be submitted after all batch jobs have been submitted or all output received. If it is not submitted, the TSO computer automatically terminates the session after 15 idle minutes. Table C-8 has all the required information for the sign-off card.

l. *Data cards (for update programs only).* The data cards are whatever specific cards are required for the particular program being run. These cards will be transformed by the update program to become the VSAM disc file records in the RMS data base. For example, the BQUOTA program contains a table in the user manual with the required information for BQUOTA data cards. The cards must be punched exactly as indicated by a table as in BQUOTA or as indicated by on-line procedures in the user manual.

m. *Overnight Batch Autolog Submission (for report programs only).* Job submission is made at an on-line terminal by running the TOC (Terminal Operations Center) program for users in the REQUEST/RETAIN Branch and MILPERCEN and by the running the USAREC program for users at USAREC. These programs must be run at least once a day to submit the system software that will actually process the cards input into the card reader. The TOC and USAREC programs may be run for batch autolog submission before or after the cards are submitted.

The execution of the batch job(s) will take place early the following morning between 0145 and 0400 hours. Due to the Saturday evening CTS2 shutdown, USAREC and TOC jobs submitted on Saturdays are not executed until early Monday morning to ensure their uninterrupted execution.

n. *Immediate Batch submission (for report programs only).* Immediate batch submission from an on-line terminal for card jobs is made by first submitting the cards to the card reader and then by running the TOCI program for users at the REQUEST/RETAIN Branch and MILPERCEN or by running the USARECI program for users at USAREC. The batch programs are run by the entry of TOCI or USARECI in response to the ENTER PROGRAM NAME, "List" or "OFF" prompt.

o. *Update program(s) job submission.* Job submission is made on the on-line terminal by entering the program name (example: BQUOTA) in response to the ENTER PROGRAM NAME, "List" or "OFF" prompt.

C-5. Retrieving batch output.

Batch output is normally printed on a high speed line printer. Output can be retrieved by a card deck as shown below.

a. Sign-on card - Paragraph C-4a above and Table C-1.

b. Queue dump card(s) - A queue dump card sets the form for the particular queue requested. It in effect opens the "gate" that was set by the ML Spool card (C-4e.). Once a queue dump card has been entered, it will not return to any other form without the execution of another queue dump card even if the session is terminated. Table C-9 contains the required information for a queue dump card.

c. Sign-off card (optional) - Paragraph C-4k above and Table C-8.

I. For execution of RMS programs in batch mode. The cards and steps are labeled a, b, c....according to the subparagraph in C-4 where they are described.

All Programs

- a. Sign-on card
- b. Job card
- c. Route Punch card
- d. :Read card - Note: columns 17 to 20 determine the rest of the deck. "DATA", for update programs; follow the chart on the left, below. Blank, for report programs; follow the chart on the right below.

Update Programs

- l. data cards
- k. Sign-off (optional)
- o. Update job submission
(from online terminal)

Report Programs

- e. ML SPOOL card
- f. Stacking card
- g. Program name card
- h. Prompt response cards
- i. Off card
- j. &END card
- k. Sign-off card (optional)
- m. Overnight batch autolog or
- n. Immediate batch submission
(from online terminal)

II. For retrieval of output produced in batch mode. The cards are labeled according to the subparagraph in C-4 and C-5 where they are described.

All Programs

- C-4a. Sign-on card
- C-5b. Queue dump card(s)
- C-4k. Sign-off card (optional)
 - to be submitted only after
all output has been retrieved.

Figure C-1. Batch job requirements.

Table C-1
Sign-on card.

Column	Field	Description
1	"I"	0/1 multipunch.
2	"**"	11 row 4/8 multipunch.
3-8	"SIGNON"	
10-12	"TSO"	
16-21	"REMOTE"	
22-24	Remote ID	Three-character ID.
25-32	Password	Eight-character password.

Table C-2
Job card.

Column	Field	Description
1	"I"	0/1 multipunch.
2	"I"	0/1 multipunch.
3-8	User ID	Where batch job is to be run (example: UZK729)
10-12	"JOB"	
14	"("	Left parenthesis – 12 row 5/8 multipunch.
15-16	"ED"	
17	" , "	Comma – 0/3/8 multipunch.
19	")"	Right parenthesis – 11 row 5/8 multipunch.
21-23	"JDD"	
24	" , "	Comma – 0/3/8 multipunch.
25-28	"PRTY"	
29	" = "	6/8 multipunch.
30-31	"10"	
32	" , "	Comma – 0/3/8 multipunch.
33-38	"TYPRUN"	
39	" = "	6/8 multipunch.
40-43	"COPY"	
44	" , "	Comma – 0/3/8 multipunch.
45-52	"MSGCLASS"	
53	" = "	6/8 multipunch.
54	"B"	

Table C-3
Route Punch card.

Column	Field	Description
1	"I"	0/1 multipunch.
2	"**"	11 row 4/8 multipunch.
3-7	"ROUTE"	
11-13	"PUNCH"	
15-18	"VCT2"	
19	" . "	Period – 12 row 3/8 multipunch.
20-25	User ID	Where the job is to execute (example: UZK729).

Table C-4
:Read (colon read) card.

Column	Field	Description
1	“.”	Colon – 2/8 mutipunch.
2 – 5	“READ”	
8 – 13	Name of program	The name of the program to be executed.
17 – 20 (Update programs)	“DATA”	For update programs only (for example: BQUOTA).
17 – 20 (Report programs)		Blank – for report programs only.

Table C-5
M. Spool card.

Column	Field	Description
1-2	“ML”	
3-6	“SPOOL”	
8-16	“PRINTER”	
18-20	“RMT”	
21-23	TSO remote ID	Three-digit ID code
24-31	“(FORM 51 optional)”	Left parenthesis – 12 row 5/8 multipunch, FORM, space, 51.

Table C-6
Stacking card.

Column	Field	Description
1	“&”	Ampersand – 12 row punch.
2-9	“BEGSTACK”	

Table C-7
&END (ampersand end) card.

Column	Field	Description
1	&	Ampersand – 12 row punch.
2-4	END	

Table C-8
Sign-off card.

Column	Field	Description
1	“/”	0/1 multipunch.
2	“/”	11 row 4/8 multipunch.
3-9	“SIGNOFF”	

Table C-9
Queue dump card.

Column	Field	Description
1	"/"	0/1 multipunch.
2	"4"	11 row 4/8 multipunch.
3	"3"	11 row 3/8 multipunch.
4-7	"TPR1"	
8	" , "	Comma – 0/3/8 multipunch.
9	"F"	
10	"6"	6/8 multipunch.
11	Form #	1-2 digit form number (form 41 is the default form)

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